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21 FEBRUARY 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



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National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
Torry Sakkariassen	SEABOURN LEGEND

Cover Photo: The **USS SLATER (DE-766)** is a Canon Class Destroyer Escort launched on February 13, 1944 and commissioned on May 1, 1944. Of the 565 Destroyer Escorts built during World War II, the **USS SLATER** is the only one remaining afloat in the United States and the last one with original battle armament and configuration. She has a displacement of 1,200 tons, is 306 feet long with a beam of 36 feet and carried a crew of 216 men when commissioned. The **USS SLATER** was named after Frank O. Slater of Alabama, a sailor killed aboard the **USS SAN FRANCISCO** during the Battle of Guadalcanal in 1942. The **USS SLATER** saw service in both the Atlantic and Pacific theaters during World War II. She was decommissioned in 1946 and was transferred to Greece on March 1, 1951. The **USS SLATER** served in the Hellenic Navy until 1991, when she was donated to the Destroyer Escort Sailors Association (DESA). She was returned to New York in 1993 and was transferred to her permanent homeport of Albany, New York in October 1997. The **USS SLATER** now serves as a living museum and is being maintained by a crew of dedicated volunteers.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 8/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

21 February 2004

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
 - T indicates that it is temporary in nature.
 - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

SECTION I CHART CORRECTIONS

NM 8/04

14902	28Ed. 4/7/01 LAST NM 4/03 Change Light to "1" Fl G 2.5s 22ft (Priv) (40/03 CG9)	8/04 44°46.1'N 85°37.3'W	18448	33Ed. 9/03 LAST NM 1/04 Change Period of buoy "TA" to 2.5s (50/03 CG13)	8/04 47°26'52"N 122°24'18"W
★14913	18Ed. 5/03 LAST NM 31/03 Delete Light Add Light "1" Fl G 2.5s 22ft (Priv) (Inset Traverse City) Delete Light Change Legend "44°47'" to "44°46'" in lower right margin of inset Add Light "1" Fl G 2.5s 22ft (Priv) 44°46'06.0"N 85°37'18"W (40, 41/03 CG9)	8/04 44°46'04"N 85°37'20"W 44°46'06"N 85°37'18"W 44°46'04"N 85°37'20"W 44°46'06.0"N 85°37'18.0"W	18465	35Ed. 12/02 LAST NM 30/03 Change Period of buoy "SA" to 2.5s (50/03 CG13)	8/04 48°11'27"N 122°49'48"W
14926	10Ed. 4/03 LAST NM 7/04 (Page 5) Delete Light Light (Page 29) Delete Light Light (40/03 CG9)	8/04 41°58'06.2"N 87°38'33.8"W 41°58'05.6"N 87°38'33.2"W 41°58'06"N 87°38'33"W 41°58'05"N 87°38'32"W	★18471	9Ed. 6/03 LAST NM 36/03 Change Period of buoy "SA" to 2.5s (50/03 CG13)	8/04 48°11'27"N 122°49'47"W
★14927	24Ed. 2/2/02 LAST NM 7/04 Delete Lights (2) in vicinity (40/03 CG9)	8/04 41°58'06"N 87°38'36"W	18473	7Ed. 12/02 LAST NM 6/04 Add Danger circle [K40] "Obstn Rep (2004)" (NTM0002/2004)	8/04 47°40'51.9"N 122°35'53.3"W
★14991	10Ed. 11/03 NEW EDITION (NOS)	8/04	★18474	8Ed. 10/03 LAST NM 5/04 Change Period of buoy "TA" to 2.5s (50/03 CG13)	8/04 47°26'52"N 122°24'16"W
18400	44Ed. 8/03 LAST NM 3/04 Change Period of buoy "SA" to 2.5s (50/03 CG13)	8/04 48°11.4'N 122°49.9'W	★18523	54Ed. 10/03 LAST NM 5/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	8/04
★18421	46Ed. 10/03 LAST NM 50/03 Delete Buoy (mooring) "CG" (50/03 CG13)	8/04 48°59'37"N 123°06'21"W	★18524	33Ed. 2/23/02 LAST NM 52/03 (Left Panel) Add Light Fl 4s 20ft (Priv) (51/03 CG13)	8/04 46°10'23.2"N 123°05'02.5"W
18423	33Ed. 10/02 LAST NM 49/03 (Page E) Change Period of buoy "SA" to 2.5s (50/03 CG13)	8/04 48°11'28"N 122°49'48"W	★18525	33Ed. 6/30/01 LAST NM 6/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	8/04
18440	27Ed. 11/03 LAST NM 3/04 Change Period of buoy "SA" to 2.5s Period of buoy "TA" to 2.5s Add Danger circle [K40] "Obstn Rep (2004)" (50/03 CG13; NTM0002/2004)	8/04 48°11.4'N 122°49.8'W 47°26.9'N 122°24.3'W 47°40.9'N 122°35.9'W	18526	55Ed. 5/26/01 LAST NM 6/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)	8/04
18441	43Ed. 7/03 LAST NM 6/04 Change Period of buoy "SA" to 2.5s Add Danger circle [K40] "Obstn Rep (2004)" (50/03 CG13; NTM0002/2004)	8/04 48°11'27"N 122°49'48"W 47°40'52"N 122°35'53"W	★18531	20Ed. 11/10/01 LAST NM 2/04 (Upper Panel) Add Beacon (Priv) (Lower Panel) Add Tabulation of controlling depths from Subsection I-2 (NOS; 46/03 CG13)	8/04 45°36'36.5"N 122°37'09.0"W
18445	29Ed. 2/24/01 LAST NM 6/04 (Page A) Change Period of buoy "TA" to 2.5s Add Danger circle [K40] "Obstn Rep (2004)", radius 200 feet, centered (Page C) Change Period of buoy "TA" to 2.5s (50/03 CG13; NTM0002/2004)	8/04 47°26'52"N 122°24'15"W 47°40'52"N 122°35'53"W 47°26'53"N 122°24'17"W	★18587	68Ed. 8/25/01 LAST NM 1/04 Change Legend to "15 FT SEP 2003" Legend to "16 FT SEP 2003" Legend to "34 FT SEP 2003" Legend to "31 FT SEP 2003" (See 52/03-18587) Add Tabulation of controlling depths from Subsection I-2 (NOS)	8/04 43°20'42"N 124°19'12"W 43°21'05"N 124°19'08"W 43°24'05"N 124°17'04"W 43°24'04"N 124°16'37"W
★18446	16Ed. 8/03 LAST NM 51/03 Add Danger circle [K40] "Obstn Rep (2004)" radius 200 feet, centered (NTM0002/2004)	8/04 47°40'51.9"N 122°35'53.3"W	19002	9Ed. 3/1/97 LAST NM N6/04 Relocate Buoy (FAD) "HO" from 20°58.5'N 156°03.2'W to (51/03 CG14)	N8/04 20°56.4'N 156°00.8'W
			19004	36Ed. 8/25/01 LAST NM 6/04 Relocate Buoy (FAD) "HO" from 20°58.3'N 156°03.5'W to (51/03 CG14)	8/04 20°56.4'N 156°00.8'W
			19010	17Ed. 8/02 LAST NM 6/04 Relocate Buoy (FAD) "HO" from 20°58.3'N 156°03.3'W to (51/03 CG14)	8/04 20°56.4'N 156°00.8'W

SECTION I

NM 8/04

19013	16Ed. 1/25/97 LAST NM 46/03 Relocate Buoy (FAD) "HO" from 20°58.5'N 156°03.3'W to (51/03 CG14)	8/04 20°56.4'N 156°00.8'W	Depth 89 meters enclosed by depth contour (200-meter) 63°02.5'S 59°31.3'W
★19320	16Ed. 12/14/96 LAST NM 6/04 Relocate Buoy (FAD) "D" from 19°37.6'N 154°46.9'W to Buoy (FAD) "NL" from 20°32.6'N 156°09.5'W to (51/03 CG14)	8/04 19°37.5'N 154°46.7'W 20°32.9'N 156°09.5'W	Depth 38 meters enclosed by depth contour (200-meter) 63°02.5'S 59°27.1'W
★19339	1Ed. 7/19/97 LAST NM N47/03 Relocate Buoy (FAD) "HO" from 20°58.4'N 156°03.4'W to Buoy (FAD) "NL" from 20°32.6'N 156°09.5'W to (51/03 CG14)	N8/04 20°56.4'N 156°00.8'W 20°32.9'N 156°09.5'W	Depth 17 meters, blue tint and enclosing depth contour (20-meter) 63°02.9'S 59°22.3'W
19340	26Ed. 12/2/00 LAST NM 47/03 Relocate Buoy (FAD) "HO" from 20°58.4'N 156°03.4'W to Buoy (FAD) "NL" from 20°32.6'N 156°09.5'W to (51/03 CG14)	8/04 20°56.4'N 156°00.8'W 20°32.9'N 156°09.5'W	Depth 10.9 meters (ED), blue tint and enclosing depth contour (20-meter) 63°03.4'S 59°19.7'W
★19359	11Ed. 10/03 NEW EDITION (NOS)	8/04	Depth 5.7 meters, blue tint and enclosing depth contour (20-meter) 63°03.3'S 59°14.3'W
★19380	15Ed. 10/03 NEW EDITION (NOS)	8/04	Depth 4.8 meters, blue tint and enclosing depth contour (20-meter) 63°02.4'S 59°13.2'W
22471	31Ed. 4/4/98 LAST NM 6/04 Delete Purple composite line (anchoring prohibited boundary) between 52°35'45"S 68°26'30"W 52°41'33"S 68°34'36"W	8/04	Depth 5.4 meters (ED), blue tint and enclosing depth contour (20-meter) 63°03.5'S 59°10.3'W
	Add Purple composite line (anchoring prohibited boundary) joining 52°35'45"S 68°26'30"W 52°36'45"S 68°24'48"W 52°42'36"S 68°33'42"W		Depth 29 meters enclosed by depth contour (200-meter) 63°02.9'S 58°18.8'W (51/5667)03 Taunton
	Platform (lighted) "Poseidon" [L2] 52°36'48"S 68°27'03"W		
	Submarine pipeline [L40.1] with legend "Oil" between 52°41'42"S 68°34'30"W 52°36'48"S 68°27'03"W (4/413)04 Taunton		Depth 38 meters enclosed by depth contour (200-meter) 63°02.5'S 59°27.1'W
			Depth 17 meters, blue tint and enclosing depth contour (20-meter) 63°02.9'S 59°22.3'W
			Depth 10.9 meters (ED), blue tint and enclosing depth contour (20-meter) 63°03.4'S 59°19.7'W
			Depth 5.7 meters, blue tint and enclosing depth contour (20-meter) 63°03.3'S 59°14.3'W
			Depth 4.8 meters, blue tint and enclosing depth contour (20-meter) 63°02.4'S 59°13.2'W
			Depth 5.4 meters (ED), blue tint and enclosing depth contour (20-meter) 63°03.5'S 59°10.3'W
25400	1Ed. 4/18/81 LAST NM 48/02 Add Light FR (occas) (2/140)04 Taunton	8/04 11°59.3'N 61°45.6'W	Depth 19.8 meters, blue tint and enclosing depth contour (20-meter) 63°14.4'S 60°54.8'W
25480	1Ed. 1/21/95 LAST NM 52/03 Add Buoy R, conical, Fl R 4s (PD) (2/141)04 Taunton	8/04 12°02'48.0"N 61°45'06.0"W	Depth 23.5 meters enclosed by depth contour (200-meter) 63°27.8'S 61°01.8'W
25481	25Ed. 4/29/95 LAST NM 26/02 Add Light FR (occas) (PA) (2/140)04 Taunton	8/04 11°59'19.2"N 61°45'37.2"W	Islet [K10] enclosed by dotted-line circle (PD) 63°40.4'S 60°55.6'W
25483	20Ed. 5/17/97 LAST NM 52/01 (Plan A) Add Dangerous wreck [K28] (PA) Legend "Mooring buoys" (2/142)04 Taunton	8/04 13°00'40.2"N 61°14'28.2"W 13°00'36.0"N 61°14'24.6"W	Depth 31 meters enclosed by depth contour (200-meter) 63°45.1'S 61°05.0'W
25613	2Ed. 1/28/95 LAST NM 47/03 (Plan) Add Chartlet, depicting changes in hydrography, topography and aids to navigation, from Subsection I-2 18°01'00.0"N 63°03'00.0"W (10/961)00, 18(1798)03 Taunton	8/04 18°01'00.0"N 63°03'00.0"W	Depth 22.5 meters enclosed by depth contour (200-meter) 63°52.5'S 61°07.8'W
29101	6Ed. 5/31/97 LAST NM 7/04 Add Depth 23 meters enclosed by depth contour (200-meter)	8/04 63°07.2'S 59°57.6'W	Rock awash [K12] (51/5666, 5667)03 Taunton 63°53.6'S 61°07.0'W
35042	9Ed. 1/18/97 LAST NM 49/03 Delete Danger circle and legend "Obstn" (51/5668)03 Taunton	8/04 55°08'06"N 1°29'16"W	
37005	16Ed. 8/2/97 LAST NM 5/04 Add Swept depth 23.9 meters Wk [K27] Swept depth 24.5 meters Wk [K27] (19/21)96 Hamburg	8/04 54°00.6'N 6°43.3'E 53°59.7'N 7°34.4'E	
37010	23Ed. 9/7/96 LAST NM 5/04 Add Swept depth 23.9 meters Wk [K27] Swept depth 24.5 meters Wk [K27] (19/21)96 Hamburg	8/04 54°00.6'N 6°43.3'E 53°59.7'N 7°34.4'E	

SECTION I

37165	2Ed. 2/3/96 LAST NM 5/04 Substitute Swept depth 23.9 meters Wk [K27] for depth 24 meters and foul ground symbol	8/04 54°00.6'N 6°43.3'E	44181	5Ed. 4/6/96 LAST NM 2/04 Add Solid line (pier) [F14] between (22(424)01 Norrkoping)	8/04 59°17'09.6"N 18°32'49.2"E 59°17'09.6"N 18°32'45.0"E
	Add Swept depth 24.5 meters Wk [K27] (19(21)96 Hamburg)	53°59.7'N 7°34.4'E	44182	4Ed. 5/28/94 LAST NM 6/04 Change Legend (swept channel) "6.1m" to "6.3m" (46(647)02 Norrkoping)	8/04 59°18'15.7"N 18°05'05.0"E
37221	13Ed. 2/3/96 LAST NM 5/04 Substitute Swept depth 23.9 meters Wk [K27] for depth 24 meters and foul ground symbol	8/04 54°00.6'N 6°43.3'E	44184	9Ed. 5/11/96 LAST NM 52/03 Add Solid line (pier) [F14] between (22(424)01 Norrkoping)	8/04 59°17'09.6"N 18°32'49.2"E 59°17'09.6"N 18°32'45.0"E
	Foul ground symbol [K31] for swept depth 12.5 meters Wk Swept depth 24.5 meters Wk [K27] for 26.8 meters Wk (19(21)96 Hamburg)	53°49.9'N 7°59.4'E 53°59.7'N 7°34.4'E	44192	1Ed. 12/18/93 LAST NM 5/04 Add Double solid line with land tint (bridge) [D22] between (28(532)01 Norrkoping)	8/04 59°28'32"N 17°47'26"E 59°28'27"N 17°47'41"E
37231	18Ed. 4/5/97 LAST NM 52/03 Substitute Foul ground symbol [K31] for swept depth 12.5 meters Wk (19(21)96 Hamburg)	8/04 53°49'54"N 7°59'24"E	44203	1Ed. 2/6/93 LAST NM 2/04 Change Caution No. 3 of CAUTIONS note to "3. A bird sanctuary with a prohibition against trespassing during the period 1 April to 31 July exists in this area." (59°56'00"N 18°32'00"E)	8/04
43030	24Ed. 4/5/97 LAST NM 6/04 Add Swept depth 24.5 meters Wk [K27] (19(21)96 Hamburg)	8/04 53°59.7'N 7°34.4'E		Add Legend "CAUTION NO 3" Legend "CAUTION NO 3" (22(427)01 Norrkoping)	60°17'42"N 18°43'48"E 60°18'06"N 18°50'36"E
43373	8Ed. 6/22/96 LAST NM 52/03 Delete Solid line (recommended track) between	8/04 58°53'42"N 11°04'54"E 58°54'12"N 11°07'00"E (17(223)02 Norrkoping)	44420	6Ed. 12/14/96 LAST NM 5/04 Change Visibility (range) of light to 10/8M	8/04 57°26.5'N 18°59.2'E
43385	1Ed. 8/22/92 LAST NM 51/03 Add Submarine cable (power) [L31.1] joining	8/04 57°55'28"N 11°35'25"E 57°55'31"N 11°35'37"E 57°55'41"N 11°35'42"E 57°55'48"N 11°36'02"E 57°55'46"N 11°36'04"E (9(116)02 Norrkoping)		(Plan B) Delete Depth 9 meters Depth 9 meters Depth 9 meters Depth 9 meters Add Depth 5.4 meters enclosed by depth contour (6-meter)	57°37'59.5"N 18°16'14.0"E 57°38'03.6"N 18°16'19.6"E 57°38'10.0"N 18°16'26.0"E 57°38'08.0"N 18°16'31.6"E 57°37'57.1"N 18°16'14.6"E
44001	2Ed. 10/19/96 LAST NM 50/03 Change Visibility (range) of light to 10/8M (46(656)02 Norrkoping)	8/04 57°26.5'N 18°59.2'E		Swept depth 9 meters Swept depth 8.7 meters Swept depth 8.7 meters Swept depth 8 meters Swept depth 8 meters Swept depth 7 meters Swept depth 7 meters (See 36/02-44420)	57°37'56.6"N 18°16'09.0"E 57°38'02.2"N 18°16'16.8"E 57°38'08.7"N 18°16'26.2"E 57°38'09.9"N 18°16'38.2"E 57°37'59.3"N 18°16'30.3"E 57°38'09.2"N 18°16'47.7"E 57°38'13.3"N 18°16'14.8"E (46(650, 656)02 Norrkoping)
44015	8Ed. 7/22/95 LAST NM 1/04 Change Visibility (range) of light to 10/8M (46(656)02 Norrkoping)	8/04 57°26.5'N 18°59.2'E	51165	8Ed. 3/11/00 LAST NM 5/04 Add Light Q(3) R 4s 5m 2M Light Q(4) R 5s 5m 2M (28(508)02 Cadiz)	8/04 36°32'00.6"N 6°17'09.6"W 36°31'58.9"N 6°17'11.7"W
44041	7Ed. 4/3/93 LAST NM 3/04 Add Submarine cable (power) [L31.1] joining	8/04 57°55'28"N 11°35'25"E 57°55'31"N 11°35'37"E 57°55'41"N 11°35'42"E 57°55'48"N 11°36'02"E 57°55'46"N 11°36'04"E (9(116)02 Norrkoping)	51167	6Ed. 3/11/00 LAST NM 5/04 Add Light Q(3) R 4s 5m 2M Light Q(4) R 5s 5m 2M (28(508)02 Cadiz)	8/04 36°32'00.6"N 6°17'09.6"W 36°31'58.9"N 6°17'11.7"W
44161	2Ed. 6/8/96 LAST NM 3/04 (Panel A) Add Buoy Y, spar, "X" topmark	8/04 57°44'51"N 16°40'32"E	53093	2Ed. 1/18/97 LAST NM 41/03 Add Depth 10 meters Wk [K26] (33(13)03 Brest)	8/04 43°44'12.1"N 7°25'40.9"E
	(Plan Västervik) Add Buoy Y, spar, "X" topmark (9(118)02 Norrkoping)	57°44'51.4"N 16°40'32.2"E	55046	4Ed. 11/30/96 LAST NM 6/04 Change Characteristic of buoy to VQ (51(231)02 Istanbul)	8/04 40°53'00"N 29°07'58"E
44179	2Ed. 5/25/96 LAST NM 3/04 Add Depth 3 meters (33(754)00 Norrkoping)	8/04 59°03'06"N 18°26'00"E	55048	12Ed. 9/9/00 LAST NM 1/04 (Panel A) Change Light to Fl G 3s 10m 7M (51(230)02 Istanbul)	8/04 41°13'44.0"N 29°06'54.0"E
44180	6Ed. 7/6/91 LAST NM 6/04 Add Depth 2.6 meters Rk [K14.2] (44(801)01 Norrkoping)	8/04 59°04.9'N 18°41.2'E	55064	3Ed. 5/18/96 LAST NM 6/03 Change Light to Fl G 3s 10m 7M (51(230)02 Istanbul)	8/04 41°13'48.0"N 29°06'58.0"E

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56064	6Ed. 9/25/99 LAST NM 16/03 (Plan)	8/04	Add Position circle "Pipe" (51(5602, 5603)03 Taunton) 24°35'21"N 52°53'59"E
	Change Buoy to R, spar, Fl(2) 8s (19/03 Haifa)		32°51'36.6"N 35°00'48.6"E
56065	3Ed. 5/18/96 LAST NM 38/03 Add "Explosive Dumping Ground" area [N23.1] bound by purple composite line joining (27/03 Haifa)	8/04	62449 4Ed. 9/2/95 LAST NM 15/02 (Plan A) Relocate Buoy "9" from 25°09'53.4"N 52°54'00.6"E to 25°09'54.6"N 52°54'09.6"E (51(5601)03 Taunton) 8/04
			32°08'21"N 34°45'54"E 32°08'50"N 34°45'21"E 32°08'47"N 34°44'56"E 32°08'18"N 34°44'40"E 32°08'01"N 34°45'04"E 32°08'01"N 34°45'47"E
56067	3Ed. 8/17/02 LAST NM 38/03 (Panel A) Delete Buoys (10) and legend "Works in Progress (2003)" in vicinity (Supersedes 20/03-56067)	8/04	62480 2Ed. 3/1/03 LAST NM 41/03 Delete Legend "(awash)" from dangerous wreck (51(5600)03 Taunton) 8/04 25°02.0'N 53°10.0'E
			31°50'17.0"N 34°38'11.0"E
	Add Buoy Or, spar, Q Buoy Or, spar, Q Buoy Or, spar, Q Buoy Or, spar, Q Buoy Or, spar, Q	8/04	62510 3Ed. 2/1/03 LAST NM 12/03 Delete Anchorage area in vicinity 27°07.0'N 56°11.0'E
			Add Anchorage area [N12.1] bound by purple dashed line joining 27°06.4'N 56°10.0'E 27°06.4'N 56°11.8'E 27°05.5'N 56°11.8'E 27°05.5'N 56°10.0'E
			(4/03 Tehran)
	Legend "Works in Progress (2003) (Marked by buoys)" centered (18, 26/03 Haifa)	8/04	62512 3Ed. 2/1/03 LAST NM N12/03 Delete Anchorage area in vicinity 27°07.0'N 56°11.0'E
			Add Anchorage area [N12.1] bound by purple dashed line joining 27°06.4'N 56°10.0'E 27°06.4'N 56°11.8'E 27°05.5'N 56°11.8'E 27°05.5'N 56°10.0'E
62032	16Ed. 2/1/03 LAST NM 41/03 Substitute Dangerous wreck [K28] for stranded wreck and delete legend "Awash" close NE (51(5600)03 Taunton)	8/04	62520 6Ed. 3/15/03 LAST NM 41/03 Add Position circle "Pipe" (51(5602)03 Taunton) 8/04 24°35.4'N 52°54.0'E
			25°03.0'N 53°10.0'E
62033	3Ed. 2/1/03 LAST NM N41/03 Substitute Dangerous wreck [K28] for stranded wreck and delete legend "Awash" close NE (51(5600)03 Taunton)	8/04	62521 4Ed. 3/15/03 LAST NM N41/03 Add Position circle "Pipe" (51(5602)03 Taunton) 8/04 24°35.4'N 52°54.0'E
			25°03.0'N 53°10.0'E
62393	7Ed. 8/26/95 LAST NM 50/02 Delete "ANCHORAGE AREA NAVAL SHIPS" in vicinity (4/03 Tehran)	8/04	62560 4Ed. 3/1/03 LAST NM 5/04 Add Legend "Less water rep (2003)" centered (51(5662)03 Taunton) 8/04 27°56'18"N 49°17'36"E
			27°07'00"N 56°11'00"E
	Add "NAVAL ANCHORAGE AREA" [N12.1] bound by dashed line joining	8/04	27°06'24"N 56°10'00"E 27°06'24"N 56°11'45"E 27°05'30"N 56°11'45"E 27°05'30"N 56°10'00"E
			(4/03 Tehran)
62394	10Ed. 4/15/95 LAST NM 50/02 Delete "NAVAL ANCHORAGE AREA" and anchor berths (9) in vicinity (4/03 Tehran)	8/04	73004 4Ed. 7/18/98 LAST NM 10/03 Add Platform (lighted) "Buffalo" [L2] Mo(U) 15s with purple dashed-line circle, radius 2.5 miles, centered (20(554)99 Wollongong) 8/04 10°40.3'S 126°06.2'E
			27°07'00.0"N 56°11'00.0"E
	Add "NAVAL ANCHORAGE AREA" [N12.1] bound by dashed line joining	8/04	27°06'24.0"N 56°10'00.0"E 27°06'24.0"N 56°11'45.0"E 27°05'30.0"N 56°11'45.0"E 27°05'30.0"N 56°10'00.0"E
			(4/03 Tehran)
62401	9Ed. 8/26/95 LAST NM 41/03 Add Position circle "Pipe" Designation "WMA-1" to platform (51(5602, 5603)03 Taunton)	8/04	74012 10Ed. 5/27/95 LAST NM 37/03 Add Platform (lighted) "Buffalo" [L2] with purple dashed-line circle, radius 2.5 miles, centered (20(554)99 Wollongong) 8/04 10°40.3'S 126°06.2'E
			24°35'21"N 52°53'59"E 24°32'10"N 52°57'17"E
62408	7Ed. 5/6/95 LAST NM 10/03 Delete Legend "(Awash)" from dangerous wreck (51(5600, 5601)03 Taunton)	8/04	74015 10Ed. 10/21/95 LAST NM 36/03 Add Platform (lighted) "Buffalo" [L2] (20(554)99 Wollongong) 8/04 10°40.3'S 126°06.2'E
			25°02.0'N 53°09.80'E
	Relocate Buoy "9" from 25°09.89'N 52°54.01'E to 25°09.91'N 52°54.16'E (51(5600, 5601)03 Taunton)	8/04	74184 10Ed. 11/28/98 LAST NM 34/03 (Plan A) Delete Beacon 8/04
			Add Solid line joining 26°41'06.0"S 153°07'14.4"E
			26°41'10.1"S 153°07'32.2"E 26°41'11.4"S 153°07'33.0"E 26°41'12.8"S 153°07'31.8"E
			and delete land tint area seaward of above solid line
			Beacon R, can topmark, Fl R 3s 26°41'05.1"S 153°07'13.4"E
			Notice board symbol [Q126] 26°41'11.9"S 153°07'33.8"E
62440	8Ed. 3/1/03 LAST NM 41/03 Substitute Platform [L2] "WMA-1" Mo(U) 20s for light (20(548)99 Wollongong)	8/04	Beacon BYB, double cone topmark bases together, Q(3) 10s 26°41'06.4"S 153°07'15.9"E
			24°32'10"N 52°57'17"E

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74232	9Ed. 6/8/91 LAST NM 21/03 Delete Purple dashed line and legend "Quarantine Line" between	8/04 19°11.01'S 147°00.75'E 19°09.35'S 146°52.22'E	(Panel B) Change Shape of buoy "1" to conical (45(808, 809)02 Tianjin) 23°15'49"N 116°48'47"E
	Purple dashed line and legend "Quarantine Line" between	19°09.80'S 146°48.23'E 19°11.50'S 146°46.41'E	
	Dashed line and legend "Port of Townsville Limit" joining	19°11.01'S 147°00.80'E 19°05.49'S 146°52.10'E 19°05.49'S 146°45.00'E 19°10.96'S 146°45.00'E	
Add	Purple dashed line with legend "Townsville Pilotage Area" joining	19°11.02'S 147°00.75'E 19°05.11'S 146°51.95'E 19°05.11'S 146°44.96'E 19°10.96'S 146°44.96'E (20(550), 24(682)99 Wollongong)	
75025	9Ed. 12/10/94 LAST NM 39/03 Add Platform "Blackback" [L10] (20(558)99 Wollongong)	8/04 38°32.5'S 148°33.2'E	
75035	18Ed. 3/18/95 LAST NM 27/03 Add Platform "Blackback" [L10] (20(558)99 Wollongong)	8/04 38°32.5'S 148°33.2'E	
75220	12Ed. 7/13/96 LAST NM 39/03 Add Platform "Blackback" [L10] (20(558)99 Wollongong)	8/04 38°32.5'S 148°33.2'E	
75240	4Ed. 7/1/95 LAST NM 39/03 Add Platform "Blackback" [L10] (20(558)99 Wollongong)	8/04 38°32.5'S 148°33.2'E	
★81048	9Ed. 10/03 LAST NM 52/03 Delete Buoy "FAD" Buoy "FAD" (51/03 CG14)	8/04 13°40'00"N 144°46'00"E 13°16'18"N 144°36'48"E	
81060	2Ed. 5/8/93 LAST NM 43/03 Delete Buoy "FAD" (51/03 CG14)	8/04 13°17.0'N 144°37.0'E	
93721	5Ed. 6/5/99 LAST NM 7/04 Substitute Depth 4.2 meters for 4.7 meters Depth 3.6 meters for 4.3 meters	8/04 22°13'31"N 114°01'16"E 22°13'28"N 114°01'07"E	
Add	Depth 5.8 meters (46(1002, 1007)03 Tianjin)	22°13'35"N 114°01'37"E	
93733	13Ed. 6/28/97 LAST NM 4/04 Delete Depth 10 meters Wk (PA) Dangerous wreck (PA) Depth 27 meters Depth 4.7 meters rky	8/04 22°08'30"N 114°10'48"E 22°08'18"N 114°11'14"E 22°17'14"N 114°21'58"E 22°13'33"N 114°01'18"E	
Substitute	Depth 25 meters Wk for 19.5 meters Wk	22°16'24"N 114°21'31"E	
Add	Depth 18.6 meters Wk [K26] Depth 23.5 meters Wk [K26] Depth 5.8 meters (45(988, 994), 46(1002, 1007, 1011)03 Tianjin)	22°20'57"N 114°25'55"E 22°17'28"N 114°22'20"E 22°13'35"N 114°01'37"E	
94042	9Ed. 5/25/96 LAST NM 4/04 (Panel A) Change Shape of buoy "1" to conical Shape of buoy "2" to can Shape of buoy "3" to conical Shape of buoy "4" to can Shape of buoy "5" to conical Shape of buoy "6" to can Shape of buoy "7" to conical Shape of buoy "2" to can Shape of buoy "6" to can (See 24/03-94042)	8/04 23°15'49"N 116°48'47"E 23°15'43"N 116°48'38"E 23°16'45"N 116°48'00"E 23°16'37"N 116°47'51"E 23°17'38"N 116°47'10"E 23°17'17"N 116°47'22"E 23°18'43"N 116°46'12"E 23°20'31"N 116°43'41"E 23°20'44"N 116°40'31"E	
	Purple dashed line [N49] with legend "Port Limit" joining		Purple dashed line area and legend "AREA NO 218 CAUTION NO 4" in vicinity 43°04.0'N 132°03.0'E
			Designation "1" to radio reporting point symbol 42°46.2'N 131°34.1'E
			Designation "2" to radio reporting point symbol 42°55.8'N 132°06.8'E
			Designation "3" to radio reporting point symbol 42°50.0'N 131°47.4'E (24(3778, 3779)03 St. Petersburg)
			96039 7Ed. 7/8/95 LAST NM 44/03 Delete Purple dashed line and legend "AREA NO 218 CAUTION NO 4" in vicinity 43°04.0'N 132°03.0'E
			Add Designation "1" to radio reporting point symbol 42°46.2'N 131°34.1'E
			Designation "2" to radio reporting point symbol 42°55.8'N 132°06.8'E
			Designation "3" to radio reporting point symbol 42°50.0'N 131°47.4'E (24(3778, 3779)03 St. Petersburg)
			96041 11Ed. 12/4/93 LAST NM 45/03 Delete Purple dashed line area and legend "AREA NO 218 CAUTION NO 4" in vicinity 43°03'54"N 132°01'45"E
			Change Line 1 of Caution No 4. to "4. Area No. 99-A is prohibited to anchoring," 43°17'35"N 131°20'00"E
			Add Designation "1" to radio reporting point symbol 42°46'12"N 131°34'03"E
			Designation "2" to radio reporting point symbol 42°55'48"N 132°06'51"E
			Designation "3" to radio reporting point symbol 42°50'00"N 131°47'27"E
			Pilot station symbol [T1.1] 43°04'12"N 131°46'32"E
			Pilot station symbol [T1.3] with legend "(during ice period)" 43°07'00"N 131°46'08"E
			Purple dashed line [N49] with legend "Port Limit" joining 43°04'12"N 131°57'50"E
			43°04'12"N 132°00'26"E
			43°02'22"N 132°00'26"E
			43°01'39"N 131°57'08"E (24(3778, 3779)03 St. Petersburg)

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96042 11Ed. 6/19/82 LAST NM 45/03 Add Pilot station symbol [T1.1] 8/04 Pilot station symbol [T1.3] with legend "(during ice period)" 43°04'12.3"N 131°46'32.4"E
"Waiting Area No. 2" bound by purple dashed line joining 43°04'00.3"N 131°45'44.4"E 43°04'41.1"N 131°46'18.6"E 43°04'30.3"N 131°47'17.4"E 43°03'48.3"N 131°46'44.4"E
Purple dashed line [N49] with legend "Port Limit" between 43°04'12.3"N 131°57'50.4"E 43°04'12.3"N 131°58'10.0"E
Purple dashed line [N49] with legend "Port Limit" between 43°01'39.3"N 131°57'08.4"E 43°01'52.5"N 131°58'10.0"E
"PROHIBITED AREA" [N2.2] bound by purple dashed line joining 43°03'26.1"N 131°56'50.4"E 43°03'54.3"N 131°57'04.2"E 43°03'42.9"N 131°57'17.4"E 43°03'20.1"N 131°57'14.4"E
"PROHIBITED AREA" [N2.2] bound by purple dashed line joining 43°03'50.1"N 131°56'20.4"E 43°03'56.7"N 131°56'36.0"E 43°03'38.1"N 131°56'55.8"E
(24(3779)03 St. Petersburg)
96500 6Ed. 6/17/95 LAST NM 39/03 Add Wreck [K29] (PA) 8/04 (24(3762)03 St. Petersburg)
96520 7Ed. 7/22/95 LAST NM 10/03 Add Wreck [K29] (PA) 8/04 (24(3762)03 St. Petersburg)
803404 2Ed. 11/5/83 LAST NM N26/02 Add Light FR (occas) (PA) N8/04 (2(140)04 Taunton)
★805647 2Ed. 8/4/90 LAST NM N30/03 Relocate Buoy (FAD) "CO" from 21°33'06"N 158°26'54"W to N8/04 (51/03 CG14)

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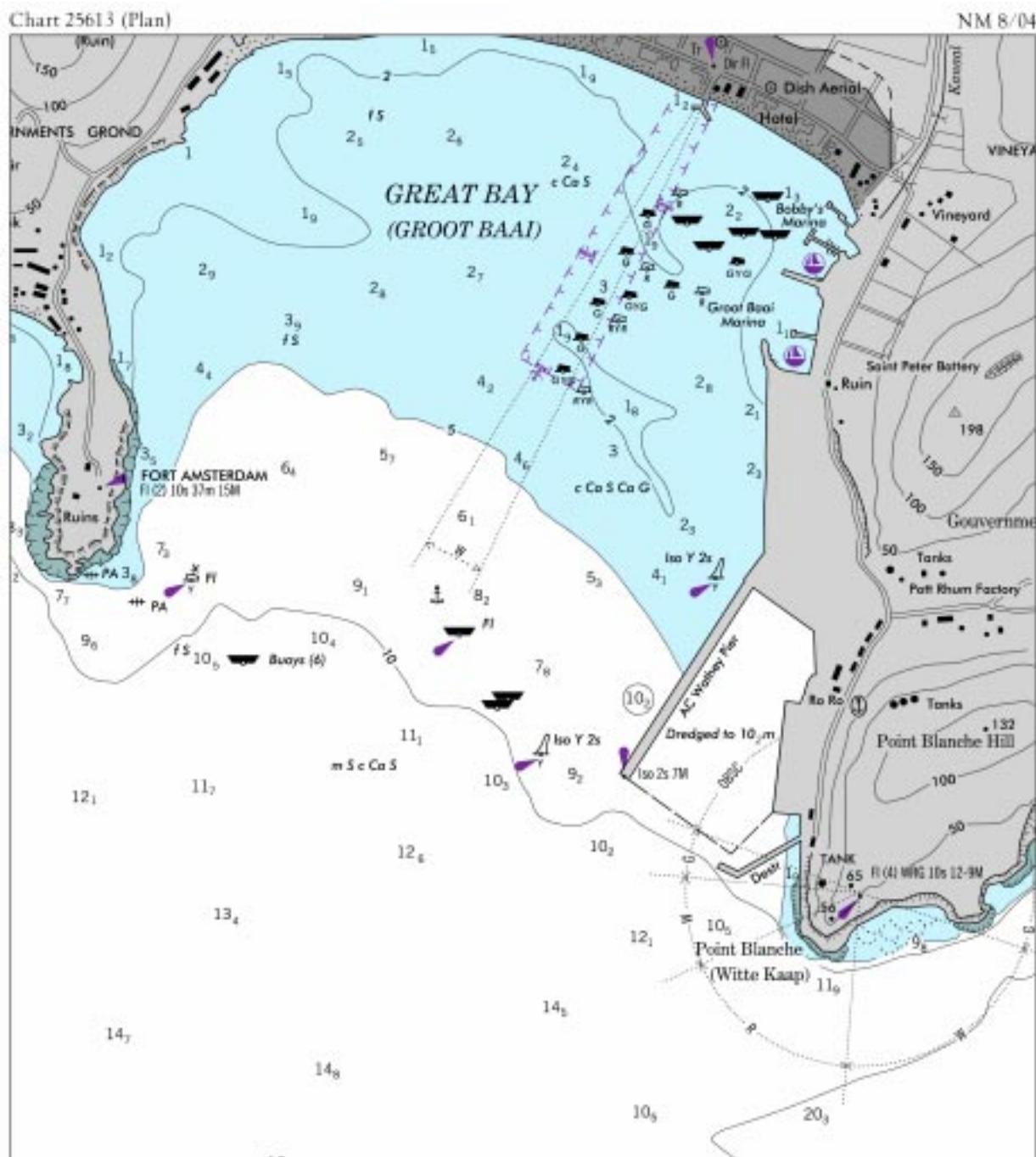


Chart 12313

NM 8/04

SCHUYLKILL RIVER CHANNEL DEPTHS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT SCHUYLKILL RIVER DATUM					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE OUTSIDE QUARTER	RIGHT HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH (FEET)
1	31.6	32.2	34.6		7,10-03	400	0.32	33
2	32.4	32.2	32.5		10-03	400	0.34	33
3	27.5	30.3	29.7		9-03	400	0.18	33
4	29.6	31.1	29.9		9-03	400	0.11	33
5	30.7	31.0	29.6		9-03	300	0.30	33
6	32.8	30.8	29.6		10-03	325	0.21	33
7	31.5	28.3	24.9		10-03	300	0.31	33
8	30.4	27.8	25.5		10-03	300	0.15	33
9	29.2	28.5	27.2		10-03	300	0.31	33
10	32.9	34.9	33.3		7-03	325	0.09	33
11	31.1	33.8	35.2		7-03	350	0.05	33
12	27.9	31.8	33.7		7-03	350	0.05	33
13	26.2	30.4	32.5		7-03	325	0.07	33
14	20.1	30.7	32.2		7-03	300	0.14	33
15	17.9	29.8	33.2		7-03	325	0.08	33
16	16.9	26.5	32.0		7-03	350	0.08	33
17	24.0	29.2	29.7		7-03	325	0.06	33
18	18.5	25.8	30.1		7-03	300	0.45	33
19	22.5	35.3	33.5		7-03	200	0.08	33-26
20	27.3	33.1	27.5		11-02	250	0.05	26
21	29.9	22.7	19.4		11-02	250	0.04	26
22	26.5	22.3	17.8		11-02	250	0.06	26
23	23.9	16.7	13.6		11-02	200	0.21	26
24	29.5	23.2	14.5		11-02	250	0.06	26
25	28.6	19.2	11.7		11-02	250	0.09	26
26	28.0	17.0	10.4		11-02	250	0.09	26
27	24.8	17.1	11.0		11-02	225	0.12	26
28	20.0	14.4	12.1		11-02	200	0.10	26
29	14.0	14.4	12.4		4,11-02	200	0.23	26-22
30	14.1	15.3	16.8		4-02	200	0.30	22
31	23.8	18.3	16.3		4-02	200	0.10	22
32	20.7	17.8	14.3		4-02	200	0.26	22
33	24.5	12.5	10.7		4-02	200	0.10	22
34	20.4	18.1	13.7		4-02	250	0.07	22
35	23.9	17.1	12.8		4-02	250	0.08	22
36	23.1	16.4	13.4		4-02	250	0.08	22
37	20.8	22.5	19.6		4-02	250	0.06	22
38	14.5	14.7	16.4		4-02	225	0.13	22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18523

NM 8/04

COLUMBIA RIVER CHANNEL DEPTHS MILLER SANDS RANGE TO GULL ISLAND TURN AND CHANNEL TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 2, 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE					PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH (CRD FEET)
MILLER SANDS RANGE	43	43	41	39	10-03	600	2.2	40
PILLAR ROCK LOWER RANGE	38	41	41	37	10-03	600	3.0	40
PILLAR ROCK UPPER RANGE	37	41	41	39	10-03	600	1.9	40
WELCH ISLAND REACH	42	43	45	38	10-03	600	3.2	40
SKAMOKAWA CHANNEL	24	42	43	37	11-03	600	3.3	40
STEAMBOAT REACH	50	48	45	42	11-03	600	1.4	40
PUGET ISLAND RANGE AND TURN	43	42	43	37	11-03	600	3.5	40
WAUNA RANGE	39	41	44	44	11-03	600	2.2	40
DRISCOLL RANGE	38	42	42	42	11-03	600	1.7	40
WESTPORT TURN AND RANGE	37	42	42	43	11-03	600	2.0	40
WESTPORT CHANNEL	40	43	42	42	8,11-03	600	2.4	40
EUREKA LOWER CHANNEL	42	43	43	43	8-03	600	2.1	40
EUREKA UPPER CHANNEL	42	42	42	41	8-03	600	0.8	40
OAK POINT CHANNEL	46	46	44	39	10-03	600	2.4	40
GULL I TURN AND CHANNEL	45	44	41	38	9,10-03	600	2.2	40

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES TO THE ABOVE INFORMATION

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Chart 18525

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COLUMBIA RIVER CHANNEL DEPTHS SAINT HELENS TURN TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORTS OF DECEMBER 2, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET)
ST. HELENS TURN	43	42	42	42	11-03	600 1.7 40
WARRIOR ROCK RANGE	40	42	42	40	10-03	600 1.3 40
DUCK CLUB TURN	37	42	43	40	10-03	600 1.4 40
HENRICI RANGE	40	41	37	39	11-03	600 2.6 40
FALES CHANNEL	43	43	42	39	11-03	600 1.1 40
KNAPP POINT CHANNEL	38	40	39	38	10-03	600 1.8 40
WILLOW LOWER RANGE	39	41	41	38	10-03	600 2.1 40
WILLOW UPPER RANGE	41	43	41	44	10-03	600 1.1 40
MORGAN TURN	43	46	49	47	10-03	600 1.0 40
MORGAN CHANNEL	46	44	42	41	10-03	600 1.5 40
VANCOUVER LOWER CHANNEL	46	47	48	51	11-03	500 1.0 40
VANCOUVER RANGE	40	42	42	41	11-03	500 1.3 40
VANCOUVER UPPER CHANNEL	42	42	41	38	11-03	500 0.9 40
VANCOUVER LOWER TURNING BASIN	34	38	41	31	10-03	800 1.0 40
VANCOUVER UPPER TURNING BASIN	32	25	25	22	10-03	800 0.9 35
TOMAHAWK BAR	18	18	18	17	11-03	300 3.7 27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18526

NM 8/04

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 2, 2003						
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (STAT. MILES) DEPTH CRD (FEET)
MORGAN CHANNEL	46	44	42	41	10-03	600 1.5 40
VANCOUVER LOWER CHANNEL	46	47	48	51	11-03	500 1.0 40
VANCOUVER RANGE	40	42	42	41	11-03	500 1.3 40
VANCOUVER UPPER CHANNEL	42	42	41	38	11-03	500 0.9 40
VANCOUVER LOWER TURNING BASIN	34	38	41	31	10-03	800 1.0 40
VANCOUVER UPPER TURNING BASIN	32	25	25	22	10-03	800 0.9 35
TOMAHAWK BAR	18	18	18	17	11-03	300 3.7 27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18531 (Lower Panel)

NM 8/04

COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF DECEMBER 2, 2003							
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE				PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
TOMAHAWK BAR	18	18	17	11-03	300	3.7	27
AIRPORT BAR	17	18	17	10-03	300	2.8	27
GOVERNMENT ISLAND LOWER RANGE	14	17	16	10-03	300	1.1	27
GOVERNMENT ISLAND MIDDLE RANGE	15	16	16	10-03	300	1.6	27
FISHER QUARRY CHANNEL RANGE	29	26	21	10-03	300	1.0	27
GOVERNMENT ISLAND RANGE	25	29	26	10-03	300	1.1	27
GOVERNMENT ISLAND UPPER RANGE	17	18	23	10-03	300	0.8	27
LADY ISLAND RANGE	19	21	24	10-03	300	2.1	27
LADY ISLAND CHANNEL AND UPPER RANGE	28	30	20	10-03	300	0.9	27
WASHOUGAL LOWER RANGE	22	28	30	10-03	300	1.5	27
WASHOUGAL UPPER RANGE	18	29	29	10-03	300	1.1	27
GARY ISLAND RANGE	17	17	17	10-03	300	0.9	27
REED ISLAND RANGE	17	17	15	10-03	300	2.2	27
TUNNEL POINT CHANNEL	24	25	26	10-03	300	0.8	27
ROOSTER ROCK CHANNEL	26	23	25	10-03	300	1.2	27
CAPE HORN CHANNEL	34	32	31	10-03	300	2.4	27
CANDIANA CHANNEL	16	38	36	10-03	300	1.0	27
FASHION REEF LOWER RANGE	12	19	21	10-03	300	2.2	27
MULTNOMAH FALLS BAR RANGE	13	23	16	10-03	300	1.3	27
MULTNOMAH FALLS TURN	12	20	21	10, 11-03	300	0.8	27
MULTNOMAH FALLS UPPER RANGE	18	21	24	11-03	300	3.2	27
MCGOWANS CHANNEL	39	34	25	11-03	300	1.1	27
WARRENDALE LOWER RANGE	20	22	23	11-03	300	0.9	27
WARRENDALE UPPER RANGE	21	28	22	11-03	300	0.8	27
HAMILTON ISLAND REACH	21	30	27	11-03	300	0.9	27
ENTRANCE TO BONNEVILLE LOCKS	22	22	22	3-00	300	0.6	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18587

NM 8/04

COOS BAY AND Isthmus Slough Channel Depths TABULATED FROM SURVEYS BY THE COPRS OF ENGINEERS - SURVEYS TO OCT 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS			
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE RANGE	39	39	39	9-03	—	1.9	47-37
ENTRANCE RANGE AND TURN	39	46	32	8-03	300-1050	0.5	37
INSIDE RANGE	38	38	38	8-03	300	0.6	37
COOS BAY RANGE	36	37	37	8-9-03	300	1.6	37
EMPIRE RANGE	36	37	38	9-03	300	1.3	37
LOWER JARVIS RANGE	36	37	36	10-03	300	0.8	37
JARVIS TURN	42	37	35	10-03	300	0.5	37
UPPER JARVIS RANGE	33	34	34	9-03, 10-03	300-700	1.9	37
NORTH BEND LOWER RANGE	39	38	35	9-03	400	0.4	37
NORTH BEND RANGE	33	37	36	10-02-3-03	400	0.9	37
NORTH BEND UPPER RANGE	36	38	37	3-03	400	0.6	37
LOWER TURNING BASIN	37	38	36	3-03	400-900	0.3	37
FERNDALE LOWER RANGE	39	39	39	3-03	400	0.4	37
FERNDALE TURN	37	38	38	3-03	400	0.2	37
FERNDALE UPPER RANGE	35	37	38	3-03	400	0.7	37
MARSHFIELD RANGE	37	37	36	10-02-3-03	400	0.4	37
MARSHFIELD RANGE TO Isthmus Slough	37	37	32	3-03	150-750	0.9	37
Isthmus Slough	19	20	19	4-85	150	2.0	22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11004	7	37,39,40,42,43,45,47, 51/02;5,6,7,8,9,14,18,21, 22,23,24,25,26,27,29,30, 32,34,36,37,38,44,51/03; 1,3,4,5,6/04	11359	11	39/02;49,50/03	11451	31	20*,22,25/03
20	3	18/03				11360	40	1*,2,5,6,8,19,23,24,25, 26,27,29,30,34,35,37,38, 49,50,51,52/03;1,2,3,5, 7/04	11453	16	7/03
21	4	4/04	11006	31	47*,49,50/03;3,5,6/04	11361	70	21*,23,24,25,26,30,31, 35,51,52/03;1,3,4,6/04	11460	38	36*,50/02;6,13,15,21,23, 25,31,34,39,40,52/03
22	1	18/03;4/04	11009	36	35,44,51/02;6,12,19,39, 52/03/04	11362	4	N33,N36,N39,N40, N47/02;N2,N5,N6,N8, N19,N23,N24,N25,N26, N27,N29,N30,N34,N35, N37,N38,N49,N50,N51, N52/03;N1,N2,N3,N5, N7/04	11461	5	7,15,25,39,52/03
50	6	32*,34,40,50/03	11013	45	38*,40,50,52/03	11363	39	47*,50,51/03;1,4,5,6/04	11462	24	22,25/03
53	2	34,50/03	11300	39	28*,30,31,32,34,35,36, 44,45,50,51/03;5,6,7/04	11364	39	3*,4,5,8,9,18,19,21,23, 25,26,27,30,33,34,35,43, 50,51/03;1,4,6/04	11463	17	24/03*
70	4	7,34/03	11301	23	37/02;16,24,32/03;1,7/04	11365	17	52/02*,9,32,34,50/03;3, 6,7/04	11464	16	7,25/03
71	4	7,34/03	11302	30	48/03*;1,7/04	11366	8	52/03*,1,3,5,7/04	11465	36	52/02*,22,40/03
72	4	7/03	11304	12	5/04	11367	32	38*,45,46,51/03	11466	36	30*,31,40/03
73	4	34/03	11305	1	N36,N46/02;N1,N6,N7, N32/03;N1/04	11368	22	38/02*,19,21,23,30,33, 34,35,45,46,51,52/03	11467	38	5/04
101	3	48/02	11307	36	22,24,27,35,52/03;1/04	11369	44	9*,18,19,21,27,43,50/03; 1,6/04	11468	39	42*,43,49/02;40/03
103	5	16/03	11308	22	3*,7,10,23,25,32/03	11370	24	38/03*,4/4,0/4	11469	5	35,50/02;7,9,12,21,23,31, 40/03
108	9	35/02;34,39/03	11309	37	48*,50/03;1/04	11371	36	35*,48/03;4,6/04	11470	36	10*,12,40/03
120	6	39/03	11310	1	N46/02;N22,N23, N32/03;N1/04	11372	30	2*,7,8,10,19,23,24,26,27, 31,42,44/03;4,7/04	11472	31	8*,25,40/03
124	10	18,34,39/03	11311	23	46/02;26/03;1/04	11373	43	48*,49/03;1,3,4,5,7/04	11474	10	6,17,52/03
125	7	21/03	11312	3	36,46/02;1,6,7,22,23, 32/03;1/04	11374	32	2*,7/04	11475	16	5/02;13/03
126	39	21/03	11313	22	22,27,36,52/03;4/04	11375	35	1*,2,5,7,9,20,23,24,27, 29,47,51/03;1,7/04	11476	19	6,34/03
145	16	39/03	11314	22	17*,21,22,32/03	11376	49	48*,49/03;5,7/04	11478	20	32*,50,52/03
200	3	37/03	11315	31	48/03*	11377	5	38*,44/03;7/04	11479	4	N35,N50/02;N6,N23, N25,N31,N34,N40, N52/03
204	4	4/04	11316	39	17*,22,26,29,34/03;1/04	11378	32	11*,12,18,20,21,22,24, 26,30,38,52/03;7/04	11480	38	30/03*
211	5	4/04	11317	29	37,40,49/02;16,19,20,21, 23,26,29,30,34/03;1/04	11379	34	2*,7,8,10,19,23,24,26,27, 31,42,44/03;4,7/04	11481	4	42*,49/02;6,12,13,19,28, 34,50,52/03
301	1	14,21,24/03	11318	1	N46/02;N6,N24,N25, N44,N50/03;N1/04	11380	43	48*,49/03;1,3,4,5,7/04	11484	21	34/03
302	1	2/03	11319	31	17*,19,20,25,26,29,30, 34/03	11381	32	2*,7/04	11485	33	22/03*
310	20	2,14,21,24,52/03;6/04	11320	1	N22,N23,N24,N52/03	11382	39	46/02*,9,25,26,37,52/03	11486	15	36/03*
400	3	33,35,45/02;29,33,34/03; 6/04	11321	29	39,40,41,45/02;23,31, 34/03;7/04	11383	50	52/03*	11488	24	7,17,50/03
401	5	33,35,45/02;14,29,33,34, 44/03;6/04	11322	28	19*,20,23,30,34,35,42, 47/03;1,7/04	11384	34	2*,7/04	11489	34	8*,12,20,22,31,50,52/03
411	49	19*,22,23,24,25,26,29, 30,31,33,44,52/03;1,5, 6/04	11323	60	47*,49,51/03;1,3,5,6/04	11385	25	49/03	11490	17	50/03
500	8	32*,34,41/03	11324	33	47*,49,52/03;1/04	11388	16	24,34/03	11491	33	34,37,38/02;12,30,34,50, 52/03
501	12	9*,10,18,21,22,24,40, 41/03;4,6/04	11325	31	26*,38,42,47/03;1/04	11389	32	33,37/02;2,7,32,42, 51/03;2,7/04	11493	9	N39/02;N12,N20,N22, N31/03
502	2	52/02;40,44/03	11326	31	7*,9,16,20,21,22,23,24, 30,31,33,35,38,45,46, 52/03;1,2,4,6,7/04	11390	22	33,34,37/02;7,21,30,32, 50,51/03;2,3,7/04	11494	8	N39/02;N22/03
503	4	1/04	11327	31	46*,52/03;1/04	11391	23	2*,3,7/04	11496	9	N35/02;N1,N17,N19, N34/03;N5/04
507	2	45/02	11328	23	43*,52/03;1,2,4,6,7/04	11392	6	34/02;21,32,50/03;3/04	11502	28	14,17,20,22,50,52/03
508	2	45/02	11329	35	48*,49,52/03;2,6,7/04	11393	20	30,35,42/03	11503	40	2/04*
510	3	40/03	11330	15	50*,51/03;1,2,4,5,6,7/04	11400	34	39/02;4,9,11,12,13/03	11504	15	12,22/03
513	6	38/02;34,50/03	11331	18	8,19,23,30,34/03;4/04	11401	29	27/03	11505	1	34,40,49/02;1,4,5,11,22, 34,43,51/03
520	127	38/02;34,40,41,40/03;4/04	11332	28	42*,43,49,51/02;6,17,19, 20,23,25,31,34,35,37,47, 52/03;1,2,4,5,6/04	11402	21	30*,34/03	11506	40	10*,19,22,28,34,43,51, 52/03
521	11	34,50/03	11333	1	N35/03	11404	21	50/02;9,19,27,49/03	11507	31	9*,12,20/03
523	8	34,50/03	11340	68	37*,38,45,46,49,50,51, 52/03;1,2,3,4,5,6,7/04	11405	29	38/03*	11508	21	10/03*
524	12	47/02;34/03	11341	39	14*,17,21,22,23,25,31, 34,37,38,47,52/03;1,2,3, 4,5,6/04	11406	11	9/03	11509	27	1,11,24/03
525	3	40/03	11342	52	27*,29,31,34,35,42,46, 47/03;1,6/04	11408	28	3/03*	11510	18	34/02
526	10	47/02;6/03	11343	37	48*,49,50/03;4/04	11409	28	32/03*	11511	16	11/03
530	30	37,38,40,52/02;6,10,18, 21,22,24,34,40,41,44, 50/03;4,7/04	11344	35	38*,42,47,52/03;1/04	11411	14	43*,45/02;7,20/03	11512	59	10*,11,15,20,22,24,34, 43,51/03
531	21	47,52/02;21,24,32,34, 41/03;6/04	11345	31	9*,38/03;4/04	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11513	23	49/02;1,24,50/03
532	17	38/02;34,50/03	11346	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4/04	11415	5	42*,45/02;1,2,7,14,20/03	11514	26	37*,40,49/02;4,5,15,22, 24,34,43,51/03
540	16	51/02;16,30/03	11347	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4/04	11416	5	42,48/02;1,2,6,11,12,14, 20,50/03	11515	30	43*,50/03
541	2	6/03	11348	20	43*,47,51/03;4/04	11420	27	20*,21,22,25,52/03	11516	17	24/03
550	7	45/02;6/03	11349	40	38*,42,45,51/02;23,26,27, 31,36,52/03;6/04	11421	33	2*,3/03*	11517	17	24/03
600	5	45/03	11350	25	43/03*	11422	21	47/02*	11518	33	14*,19,28,50/03
601	4	6,8,27,38/03	11351	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3, 5/04	11423	7	N39,N42/02;N4,N8,N15, N21,N22,N25,N52/03	11519	12	28/03*
602	6	47/02;6,38/03	11352	36	3*,7,8,9,20,22,24,26,31, 34,48,51/03;1,3,6,7/04	11424	18	14,25/03	11520	41	38*,39,50/03;1,2,5,7, 8/04
603	6	47/02;10/03	11353	2	35,38,43,45,49/02;4,5,7, 18,20,21,26,27,31,34,43, 45/03;1,5,6/04	11425	34	46*,49/02;4,25,52/03	11521	26	35/02;9,19,24,28,34, 39/03
604	5	38/03	11354	24	26*,31,34,48,51/03;1/04	11426	36	38*,52/03	11522	19	39/03
605	4	6/03	11355	25	38*,39/03*	11427	33	2/03*	11523	21	35,52/02;5,9,19,24,28, 34/03
606	1	17/03	11356	35	38*,51,52/03;3,4,6/04	11428	32	52/02*,6/03	11524	46	8*,11,12,13,15,17,19,20, 22,28,34,43/03
607	1	17,45/03	11357	36	38*,52/03;2,3,5/04	11429	21	47/02*	11525	6	N39,N40,N44,N46, N51/02;N4,N6,N8,N24, N39,N50/03;N1,N2,N5, N7,N8/04
622	9	47/02;6/03	11358	52	41*,49,50,51/03;2,3,5,6, 7/04	11430	25	17/03*	11526	10	20/03*
623	9	47/02;19,36/03	11359	25	38*,44,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4/04	11431	34	21/03*	11527	16	37/02;20/03
624	3	7/04	11360	40	38*,42,45,51/02;23,26,27, 31,36,52/03;6/04	11432	25	17/03*	11531	21	11,39/03
702	5	7/03	11361	25	38*,44,49/02;4,6,7,8, 19,20,21,23,25,26,27,29, 31,32,43,47,48,50,51/03; 4/04	11433	41	41/03*	11532	20	37/02;39,43,50/03
703	4	46/02;7,44/03	11362	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3, 5/04	11434	13	N8,N15,N21,N22,N39, N52/03	11534	32	17*,36,45,50/03
705	3	46,52/02	11363	20	43*,47,51/03;4/04	11435	11	7,8,21/03	11535	12	46/02;39/03
706	4	44/03	11364	40	38*,42,45,51/02;23,26,27, 31,36,52/03;6/04	11436	25	6,7,15,22/03	11536	16	38/03*,25,8,04
707	2	34,44/03	11365	25	43/03*	11437	35	38/02*,20,52/03	11537	34	21*,23,26,35,36,43,45, 47/03;2,6,8/04
708	3	34,36/03	11366	38	20*,22,23,25,27,30,31, 34,48,50,51,52/03;1,3, 5/04	11438	10	7,15,39/03	11538	18	39,44,51/02;6/03
709	2	50/02;19,25/03									

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
11545	60	45*,47/02;6,8,14,22,23, 24,35,38,39,43,49/03; 1/04	12333	33	44*,49/03	13272	47	40/02;8,25,35/03	14175		N43/03*	
		12334	66	30*,34,36/03	13274	25	43/03*;6/04	14176		N38/03*		
		12335	40	47/03*	13275	28	45/03*	14177		N40/03*		
11547	35	37,47/02;6,8,14,22,23,35, 38,39,43,49/03;1/04	12337	22	45/02;13,18/03	13276	22	36/03*	14178		N40/03*;N5,N6/04	
		12338	9	21/03*	13278	25	1,9,32,39/03	14180	38	42/03**		
11548	38	47/02*;7/04	12339	44	50/03*	13279	30	20*,32,39/03	14181	3	43/03**	
11550	28	17/03*;7/04	12341	26	36/03*	13282	11	21*,39/03	14183	15	38/03**	
11553	28	8/03*	12343	18	37/02*;7,21,27/03	13283	18	1,9/03;4,6/04	14184		N32,N44,N47,N49/03	
11555	38	36/02*;7,24,50/03;1,2, 7/04	12345	10	42/02*;21/03	13285	10	20/03;4/04	14185	2	40/03**	
		12347	29	27,29,35/03	13286	29	39*,40,50/02;1,9/03	14186	2	40/03**		
12200	47	38*,42,52/02;7,12,18/03; 6/04	12348	33	27,29,34/03	13288	40	36,43,50,51/02;29,42,44, 45/03	14187	2	38/03**	
12201	25	N42,N52/02;N7,N12, N18,N24,N32/03;N1,N2, N6,N7/04	12350	57	39*,49/02;29/03	13290	35	39*,42,44,49/03	14188	1	42/03	
		12352	30	46/03*	13292	36	36,40/02;7,16,29,42,44, 49/03	14189	2	36,42,44/03;4,6/04		
		12353	18	8/04*	13298	10	43,52/02	14190	2	37,42/03		
		12354	40	38/03*;2/04	13301	20	33,51/02;23,42,45/03	14191		N38/03*		
12204	35	10*,33/03;5/04	12358	19	46*,49/02;1,7,10/03	13302	21	41/02;2,7,9,32,42,45, 52/03;8/04	14192		N38/03*	
12205	28	43*,50/03;5/04	12362	16	49/02	13293	33	43,51/02;14,27/03	14193		N38/03*	
12206	30	50/03*;2/04	12363	39	44/02;6,23,27,32,36/03	13295	11	2*,14/03	14195		N42/03*	
12207	20	50,52/02;18,50/03	12364	34	20*,23,25,27,32,36,39/03	13296	25	43/02;27/03	14196		N38/03*	
12208	9	23*,28,41,50/03	12365	26	6,23/03	13298	10	43,52/02	14197		N38/03*	
12210	36	8*,33/03	12366	27	51/02;20,27/03	13301	20	33,51/02;23,42,45/03	14198		N43/03*	
12211	41	10/03*	12368	26	42/02*;24,25/03	13302	21	41/02;2,7,9,32,42,45, 52/03;8/04	14200	2	38/03**	
12214	44	14*,19,52/03;2/04	12369	25	44/02;32,35,36,43/03	13303	12	48/02*;7,9/03	14201	15	38/03**	
12216	27	47/02*;19/03	12370	18	39/02*	13305	28	40,41,49/02;2,7,9,36, 44/03;8/04	14203	12	42/03**	
12221	75	48*,50/03;2/04	12371	23	27*,52/03	13307	10	23,28,44/03;8/04	14204	21	38/03**	
12222	45	6*,7/04	12372	32	8/04*	13308	11	40/02	14205	7	38/03**	
12224	23	8*,33,45/03	12373	14	2/03	13309	28	42/02*;9,32,52/03	14206	20	43/03**	
12225	54	22*,33/03	12377	14	37/02	13310	21	10/03*	14208	28	38/03**	
12226	16	7/03	12378	14	2,13,23/03	13311	19	41,49,52/02;6,9,36/03	14209		N38/03*	
12228	29	43/02*	12401	7	47/02;2,13,33,41/03	13315	11	49/02	14211		N40/03*	
12230	61	3/04*	12402	8	33,47/02;13,34,41/03	13316	22	28/03*	14212		N38/03*	
12231	26	35,46/02;7,30/03	13000		N48,N49/02;N21,N26, N29/03	13318	18	38*,41,52/02;5,6,21/03	14213		N39/03*;N5/04	
12233	35	3*,4,5,6,14,34,45/03	13003	47	36*,39,44,45,48,52/03; 6/04	13321	9	20/03*	14214		N39/03*	
12235	29	47/02;4,6,7,17,33/03	13006	31	36*,39,44,45,48/03;6/04	13323	7	5/03	14215		N39/03*	
12237	27	48/03*	13009	30	42*,48,49/02;1,9,18,23, 36,39,44,45,48/03;6/04	13324	14	5/04*	14216		N39*,N44/03;N5/04	
12238	38	6/04*	13200	33	37,48/02;7,9,18,36,39,44, 45,48/03;6/04	13325	14	2,29/03;7/04	14217		N43/03*	
12241	21	34,44/02;7,34/03;2/04	13201	10	N37,N48/02;N9,N18, N36,N39,N44,N45, N48/03;N6/04	13326	12	41,43/02;7/04	14218		N39/03*;N6/04	
12245	62	30*,33,34,49/03;4,7/04	13203	12	37/02;48/03	13327	6	48,49/02;5,9,12,29,39,	14219		N40/03*;N6/04	
12248	40	44/03*;4/04	13204	12	44/03;6/04	13328	36	37,42,45,48/02;1,5, 23/03;2/04	14220		N39/03*	
12251	23	35/02;4,6,7,15,26/03	13205	36	37,42,45,48/02;1,5, 23/03;2/04	13329	23	37/02;3/04	14221	26	40,46/02	
12252	23	33,34/02;4,7,10,15,17,30, 35,45,49/03	13209	23	37/02;23/03;2/04	13330	5	35/02;26,32/03	14222	16	40/03**	
12253	43	35/03*;2/04	13211	13	47/02;45/03	13331	57	32,34,36,37,42,49/03	14223	18	38/03**	
12254	43	38*,43,44/02;30,34/03; 2/04	13212	35	9*,13,36/03;2/04	13332	5	33,36,39/02;12,22,36, 47/03	14224		N39/03*	
12255	15	44/02;30,34/03	13213	40	14*,25,36/03	13334	65	40/02;34,49/03	14225	17	39/03**	
12256	14	48/03*;2/04	13214	27	34*,45,48/02;5/03;2/04	13335	17	38/03**	14226	32	39/03**	
12261	28	37*,44/02;7,18,22,48/03	13215	17	45,48/02;1,5,03;6/04	13336	76	38/03**	14227	28	39/03**	
12263	52	35*,42,44/03	13216	1	N48/02;N2/04	13337	15	39/03**	14228	11	39/03**	
12264	28	38/02*;7,42,44,48,52/03	13217	14	6/04	13338	5	35/02;26,32/03	14229		N39/03*;N5/04	
12266	28	8/04*	13218	38	42,45,51/02;5,46,50, 52/03	13339	3	36/02	14230		43/03**	
12270	32	9*,18,24,25,33,42/03; 8/04	13219	27	34*,45,48/02;5/03;2/04	13340	5	34,43/02;7/04	14231		43/03**	
12272	29	36,45/02;13,16,30,33, 38/03;7/04	13220	23	37/02;23/03;2/04	13341	82	1/04	14232	6	43/03**	
12273	54	47/03*;7/04	13221	13	47/02;48/03	13342	5	33,36,39/02;12,22,36, 47/03	14233	23	39/03**	
12274	33	37*,50/02;5,15,17,30, 33/03	13222	53	44,51/02;2,5,7,27,46, 49/03	13343	27	6,9/03	14234	13	40/03**	
12277	32	35*,51/03	13223	36	52/02;2,4,6/03	13344	19	32,36/03;1,5/04	14235		N40/03*	
12278	73	8/04*	13224	36	44/02;5,27/03	13345	19	6,34,44,47/03;5/04	14236	15	40/03**	
12280	4	52/03*;2,7/04	13226	5	44/02;6,7,49/03	13346	11	6/03	14237		N40/03*	
12281	49	12,19,25,38,44,48,49/03; 1/04	13227	13	7,49/03	13347	21	36,47/03;2/04	14238		N40/03*	
12282	34	43/03*	13228	11	51,52/02	13348	2	49/03	14239	5	32,47,49/03;1/04	
12283	24	8,18,25/03	13229	27	39,42,45,52/02;1,7,19,48, 50,52/03;1,4/04	13349	58	33/02	14240	47	39/03**	
12284	15	7,42,48/03	13230	46	2*,7,19,50,52/03;1/04	13350	10	41/02*;34/03;5/04	14241	15	40/03**	
12285	35	11*,14,19,22,34,36,45/03	13232	4	39,42/02	13351	11	6/03	14242		N40/03*	
12286	29	2*,4,6,42,52/03	13233	16	10,39/03;4/04	13352	6	41/02*	14243		N40/03*	
12289	48	10*,19,22/03	13235	5	48/03;4/04	13353	19	47/03	14244		N40/03*	
12300	43	19*,39,44,48,49/03;6/04	13236	29	45/02;1,7,19,50/03;1/04	13354	42	32,44/03;1/04	14245		N40/03*	
12301	21	N37,N39,N42,N45/02; N5,N17,N39,N44,N48, N49/03;N6/04	13237	39	27*,39/03	13355	7	43/02;12,22,30, 49/03;1/04	14246	4	40/03**	
12304	43	21*,26,48,52/03;2,5/04	13241	15	34,42/02	13356	5	12,34,47,49/03	14247		N40/03*	
12311	42	38*,48,51/03;1/04	13244	39	48/02;7,32/03	13357	12	52/02;30,49/03	14248		N40/03*	
12312	52	10*,15,24,32,51/03;1/04	13246	37	36*,42/03	13358	6	41/02*	14249		N40/03*	
12313	49	35*,43,52/03;8/04	13249	12	22/03*	13359	17	47/03	14250		N40/03*	
12314	30	46*,50/02;5,25,33,35/03	13253	18	3*,8/03	13360	17	47/03	14251		N40/03*	
12316	29	2*,6,32/03	13260	39	36*,39,42,45/03	13361	5	32,42,44/03;1/04	14252		N40/03*	
12317	31	37,50/02	13263	7	38/03**	13362	29	38/03**	14253		N40/03*	
12318	41	9*,32,44/03;6/04	13264	103	36,49/02;9,P21,26,29,39, 42,49/03;5/04	13363	14141	2	47/03	14254		N40/03*
12323	23	40/02;4/03;6/04	13267	31	47/03*	13364	14142	5	32,42,44/03;1/04	14255		N40/03*
12324	30	2*,8,49/03	13268	9	7/04	13365	14143	6	4/04	14256		N40/03*
12326	49	35*,49/03	13270	60	50/03*	13366	14144	6	4/04	14257		N40/03*
12327	97	48*,49/03	13271	31	47/03*	13367	14145	2	47/03	14258		N40/03*
12331	41	9*,13,14,18,33/03	13272	9	7/04	13368	14146	2	32,48,42,49/03	14259		N5/04
12332	30	12,19,25,38,44,48,49/03										

SECTION I

NM 8/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14373	2	34,49/03;1,4/04	14965	21	11/03*;2/04	16549	15	41/03*	17422	8	52/02*
14380	19	49/03;6/04	14966	25	14*;21,49/03	16553	3	17/03	17426	13	37/02;1,16,20/03
14386	3	36/02;6/04	14967	22	5/03	16556	4	8/03*	17427	7	21,36/03
14404	4	47/03	14970	25	40,46,51/02;1/04	16561	1	29,35,44/03	17428	7	5,36,43/03
14415	4	33/02;36/03	14972	25	1/04	16566	10	29,44,49/03	17429	2	N38/02*
14420	27	40/03**	14973	27	15/03*	16568	12	39/02*	17430	10	5,36/03
14500	27	52/02*	14974	24	5/04	16575	1	39/02;1/04	17434	11	5,36,43/03
14756	N50/03		14975	33	52/02*;43,49/03	16576	4	47/03*	17435	16	40,49/03
14758	N32,N49/03		14983	9	46/03*	16580	11	39/02;1/04	17436	6	20/03
14773	16	26/03	14985	9	41/03*	16590	10	38/02*;1/04	17437	8	21/03
14774	16	15/03	14986	9	46/03*	16591	8	1/04	17438	12	50/02;10,14,15,21,36/03
14782	24	47/03	14987	9	3/04*	16592	9	16/03;1/04	17441	7	10,15/03
14784	19	47/03	14988	10	41/03*	16593	11	14/03*;1/04	17443	12	10/03
14786	13	49/03	14990	4	6/04*	16594	13	2/03;1/04	17445	2	10,14,36/03
14803	26	5,49/03	14991	10	8/04*	16595	14	2/03;1/04	17446	N10/03	
14804	24	5/03	14995	11	52/02*	16596	12	39/02*;1/04	17460	N5,N36,N49/03	
14813	21	2*,49/03	15043	3	34,47/03	16597	8	43/02;1/04	17465	4	6,12/03
14815	22	43/03	15044	3	34,47/03;1/04	16598	9	43/02;1/04	17470	N23,N41/03	
14816	23	5/03	15046	4	47/03	16599	6	43/02;1/04	17471	N6,N47/03*	
14820	19	11/03*	15061	3	50/03	16601	10	1/04	17472	4	5,14,36,41/03
14822	31	10/03*	15064	1	50/03	16603	8	48/03*	17480	4	43/02;5,10,36/03
14823	30	1/03*	15066	5	32,47/03	16604	11	1/04	17482	N7,N14,N41/03	
14824	26	5/04*	15067	2	47,49/03	16605	8	1/04	17483	N41/03	
14826	27	4*,49/03;8/04	15069	4	47/03	16606	11	37/02*;21/03;1/04	17484	3	41/03
14829	5	49/03;8/04	15070	3	49/03	16608	4	46/03*	17485	4	41/03
14830	30	31*,34,47/03	15074	1	6/04	16640	24	21/03;1/04	17489	19	43/02
14832	34	52/02*;49,51/03	15080	1	47/03	16645	18	1/04	17495	2	43/02
14833	25	43,49,51/03	15160	5	50/03	16646	12	8/03;1/04	17503	4	43/02
14835	31	39/02;7/04	15163	2	50/03	16647	3	1/04	17513	N42,N43/02;N15/03	
14836	27	42/02*	15313	1	15/03	16648	4	1/04	17515	7	6,15,16,36,43/03
14837	27	3/03;5/04	15562	N41/02;N16/03		16660	28	42/02;6,16,47,49/03	17517	8	6,15,16,34/03
14838	3	52/02*	15569	N23/03		16663	6	42/02;6,16,47,49/03	17518	7	P44,48/02;16,18,20,41,47/03
14839	36	9*,43,49,51/03;5,8/04	15570	N23/03		16665	7	42/02;6,16,47,49/03	17519	13	16/03
14842	13	46*,51/03	15585	N14/03		16680	10	6,32,37/03	17520	2	N6,N16,N34/03
14843	22	39,51/02;43,51/03	15690	N35/03		16681	10	37/02*	17521	N15/03	
14844	31	4,51/03;5/04	15880	N41/02		16682	15	8*,17,19,37/03	17522	N15/03	
14845	26	4,51/03	15946	N47/03		16683	9	3,6,17,32,37/03	17523	N15/03	
14846	11	39,40/02;2,43,47/03;5/04	15954	N47/02*		16700	28	40*,43,50/03	17524	N12,N15,N49/03	
14847	30	40/02;43,47/03	16003	16	13,36,48/03	16701	19	37/03*	17525	N15,N43/03	
14848	56	9,17,21,22/03	16004	11	13,17,48/03	16702	11	37/03*	17526	N15/03	
14850	52	2/04*	16005	9	36,48/03	16705	19	49/02;16,43/03	17528	N43/02;N6,N12/03	
14852	45	19*,21/03;2/04	16006	33	6,32,35,36/03;1/04	16707	10	34,37/02;16,20/03;5/04	17541	3	43/02
14853	14	26/03*	16011	35	38/02;8,29,31,32,35,44,	16708	25	37,49/02;16,20,50/03	17542	6	47/02
14854	13	17/03	16012	21	38/02;34,50/03	16709	22	49/02	17543	17	41/02;43/03
14864	26	37/02;1,8/04	16013	28	52/02;21,29,32,34,35,41,	16712	1	16/03	17545	13	43,47/02;43/03
14865	16	4/03	16013	28	44/03	16713	2	49/02	17546	22	42,43,47/02;24,34,35,43/03
14867	26	39/03*	16016	19	34/03	16723	15	6/04	17548	28	16,43/03
14869	26	8/04	16041	8	48/03	16760	10	51/02;28/03	17549	6	47/02;15/03;3/04
14871	2	34/03	16042	7	39/02*	16761	16	28/03	17550	4	42,43,P44,45,47,48,52/02;43/03;3,6/04
14873	2	35/02	16061	8	37,49/02;13,17/03	17003	4	47,52/02;24,35,36/03;	18000	8	45/02;6,10,21,36,44/03
14880	30	33/02;4/03	16067	7	1/04	17005	10	41,45,47,52/02;24,34,35,43/03;3,6/04	18002	6	N45/02;N2,N6,N10,N21,N36,N44/03
14881	31	33/02;8/04	16081	6	1/04	17008	12	43/02;36/03	18003	19	22*,41,43/03;3,6/04
14886	11	41/03*	16082	6	1/04	17300	30	52/02*;21,39/03	18005	4	N34/02;N6,N10,N13,N21,N26,N40/03;N4/04
14901	14	52/02*;5/03;7/04	16083	5	1/04	17302	18	51/02;49/03	18006	3	N6/03
14902	28	4/03;8/04	16087	7	5/04*	17303	9	37/02	18007	31	33,34,37,38,39,40,47,52/02;18,22,24,26,35,41/03;4,5,6,7/04
14903	23	31/03*;2,7/04	16124	6	3/04*	17315	23	2*,16,21,25/03	18008	7	N33,N34,N37,N38,N39,N40,N47,N52/02;N18,N22,N24,N26,N35,N37,N41/03;N4,N5,N6,N7/04
14904	26	40/03*;1/04	16200	13	36/03	17316	20	3,25/03	18009	2	N34/02;N6,N13,N26,N40/03
14905	30	45/03*;7/04	16206	7	46/03/5/04	17318	5	39/03	18010	20	33,34,37,38,39,40/02;6,13,26,33,40,47/03;4,5,7/04
14906	23	5/03	16220	5	36/03	17320	15	13,29,34,39/03	18020	37	47/03*;1,4,7/04
14909	19	49/03	16300	8	52/02;3,8/03;6/04	17323	10	13,22,29,39/03;5/04	18022	34	3*,4,7,4/04
14910	23	17/03*	16305	9	8/03;1/04	17324	13	39/03;5/04	18400	44	41*,43,47,49/03;3,8/04
14911	20	4/03	16315	10	1/04	17325	7	29/03	18401	12	34/03
14912	17	31/03*	16322	7	8,46/03;1/04	17327	21	46/03*	18403	21	6,20/03
14913	18	31/03*;8/04	16323	9	3/04*	17333	8	3/04*	18405	12	43/02;16/03
14915	25	28/03*	16338	3	1/04	17360	33	31*,36/03	18406	5	16/03
14916	10	45/02*;17/03;1/04	16343	7	1/04	17370	10	3/04*	18409	8	41/03
14917	23	3/03	16363	12	38/02*	17372	11	48/03*	18411	N16,N20/03	
14918	26	17/03;1/04	16381	8	8,25/03	17385	14	14/03*	18412	10	20/03
14919	27	1,7/04	16382	10	6/04	17400	16	36/02;10,12,44/03	18413	15	20,22/03
14922	19	51/02;9/03;5/04	16420	10	46/03*	17401	10	1,36/03	18414	9	20/03;3/04
14924	27	5,49/03;2/04	16423	2	47/03	17402	10	46/02*	18415	8	42/02;7,22,32,39,47,50/03;3/04
14926	10	32*,47/03;7,8/04	16431	7	5/03*	17405	14	12,25,46/03	18416	6	P44,48/02;22,46/03
14927	24	35,37/02;47/03;7,8/04	16432	11	3/04*	17406	6	25/03	18418	6	15/03
14928	21	4/03*;7/04	16440	13	37/02	17409	10	39/02*;44/03			
14929	24	14/03*;7/04	16441	7	37/02	17412	2	49/03			
14930	24	45/02;1/04	16442	7	41/03*	17413	2	43,50/02;10,44/03			
14931	24	35/02*	16463	7	3/04*	17414	3	41/02			
14932	23	26/03*;1,5/04	16478	10	5/04*	17416	3	10,14/03			
14933	24	35*,37/02;1/04	16480	10	38/02;34,50/03	17420	26	36,37,42,43,50/02;1,10,12,14,20,36/03			
14934	27	17*,26/03;1/04	16490	8	6/04*						
14935	21	1/04	16500	9	9,33/03						
14937	24	52/02*;2,17/03	16520	21	2,31,33/03						
14938	23	1,7/04	16528	16	9,33/03;6/04						
14942	25	35/02;1/04	16529	14	50/02;9,33/03;6/04						
14961	12	3/04*	16530	6	50/02;33/03;6/04						
14963	20	51/02	16535	12	2,21,31/03						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18419	11	47/02;12,46/03;1/04	18626	15	37/02;10/03	19348	7	29,43/03	22101	19	43/02;37/03
18420	1	22,47,49,50/03	18640	24	26,38,42/03;4/04	19353	12	27/03;6/04	22102	19	17/03
18421	46	50/03*;8/04	18643	17	26*,33,41,43/03	19357	22	42*,49,51/02;5,13,30,36, 47,50/03	22109	3	17/03
18423	33	1*,5,7,9,15,18,30,32,34, 36,38,39,43,45,47,49/03; 8/04	18645	24	50/02;33,38/03;5/04	19359	11	8/04*	22111	4	17/03
18424	25	7,45/03	18647	15	2/03*	19360	1	N37,N51/02	22112	3	43/02;17,37/03;5/04
18427	21	35/02*;7,19,45/03	18649	63	48*,50/03;2,5/04	19361	8	5/04*	22113	8	12,17/03;5/04
18429	9	3*,22/03	18650	52	47/03*	19362	12	49/02	22114	5	42,43/02;17,33,37/03; 5/04
18430	8	5/04*	18651	42	15*,48/03	19366	36	49/02;5,50/03	22117	3	37/03;5/04
18431	6	2/03*;1/04	18652	32	36*,40,43,46,48,49/03; 5/04	19367	37	49/02;10,50/03	22120	3	34,36,39,41,43,52/02;29, 32/03;7/04
18432	5	14/03*	18653	9	36,38,41/02;4,6,21,43, 50/03	19369	5	49/02;10,36,50/03	22121	9	34,36,44,52/02;29,32,47, 51/03
18433	5	2*,22,32,36/03	18654	42	38,49/02;12,16,35,46, 48/03;5/04	19380	15	8/04*	22124	2	34,52/02;6,29,32/03
18434	5	2/04*	18655	58	49/02;12,16/03	19381	8	49,51/02;26/03;7/04	22125	1	36/02
18440	27	3*,8/04	18656	53	19*,21,33,40,43,48/03	19382	15	26/03	22126	1	36/02
18441	43	39*,45,47,51/03;6,8/04	18657	18	4,21,40/03	19383	17	49/02;5/03	22130	2	44/02;14,17,29,32,38/03; 2,7/04
18443	15	39/02;6,34/03	18658	29	4,21,33,40/03	19385	8	3/04*	22138	2	41,44,48/02;6/03
18444	15	39/02;34/03;1/04	18659	14	49/02;7,16,21,43,48/03	19387	9	N46/03	22140	2	34,36,44/02;25,47/03; 7/04
18445	29	33,39/02;6,7,9,10,15,18, 22,25,28,34,36,38,42,45, 47,51/03;1,6,8/04	18660	2	29*,43,49/03	19401	8	10/03*	22142	2	39,41,43/02;25,40,47/03; 7/04
18446	16	47*,51/03;8/04	18661	27	15*,16,43,49/03	19402	6	9/03*	22143	4	26*,29/03
18447	26	52/02;6,7,10,18,47/03	18662	20	7,43,44/03	19421	7	8/03*	22145	2	N41/02;N25/03
18448	33	1*,8/04	18663	5	14*,43/03	19441	7	28/03*	22160	2	34,39,41,48,52/02;25/03; 7/04
18449	18	50*,51/03;6/04	18666	1	21,33,48/03	19442	5	14*,26/03	22170	3	39/02;6/03
18450	17	9*,44/03;6/04	18668	30	6,13,33,35,38,40/03	19461	7	10/03*	22172	8	48/02*;4,6,29/03
18452	16	34,38/03	18669	32	36*,46/03	19480	7	6/04	22173	36	48/02*;6,17,29/03
18453	24	14*,25,36,38,42/03;6/04	18670	22	40/03*	19482	9	6/04	22180	2	34/02;32/03
18455	2	N39/02;N15,N34,N38/03	18703	25	40/03*;7/04	19483	6	11/03*	22181	16	39,41/02;29/03;2/04
18458	15	19*,28,34,38,43/03	18704	12	37/02	21005	5	45/02/2/03	22182	6	34/02;14,29/03
18459	5	N39/02;N9,N15,N28, N34,N38/03	18720	31	35/02;4,6,10,12,25/03	21008	62	39,42,43,50/02;1,2,36/03	22190	2	29/03
18460	11	2*,6,7,43/03;3/04	18721	11	35/02;6,10,39/03	21011	5	2/03	22205	2	12,18/03
18464	23	24*,30/03	18723	3	6/03	21014	72	42,50,52/02;2,3,4/03	22221	20	12,31,34/03;1/04
18465	35	2*,15,30/03;8/04	18724	1	22*,25/03	21017	50	41,50/02;4,5,6,9/03	22222	1	4,12,31/03;1/04
18468	17	7/03	18725	27	32/03*	21020	42	41/02;5,6,7/03	22225	2	12,18,40/03
18471	9	36/03*;8/04	18740	40	46*,49/03;1,5,7/04	21021	3	45/02/13/03	22233	29	13,18,25,37/03
18473	7	4*,18,19,34,38,45,47, 51/03;6,8/04	18741	18	N45,N50/02;N12,N27, N38/03;N1,N7/04	21023	41	34/02;7,8,9/03	22234	1	1/04
18474	8	5*/8/04	18744	30	37/02;35/03	21033	46	1,16/03;1/04	22250	2	42/02;12,18/03;4/04
18475	1	35/03	18746	34	34/02;5,13,41,49/03;5/04	21036	7	1,16/03;1/04	22251	11	12,28/03
18476	4	39/02;7,9,28,34,38/03; 6/04	18749	38	40/02;5,6,16,21,26,28,31, 39,41,49,50/03;5,7/04	21120	27	47,50,51,52/02	22252	18	2/04
18477	5	7/03;6/04	18751	42	35/02*;16,33,49/03;4/04	21121	18	47/02	22259	4	20,24/03;2/04
18480	29	2*,6,7,43/03;3,6/04	18754	17	39*,43/03	21122	5	47/02	22263	1	26,37/03;4/04
18484	10	40/02;15,29/03	18755	10	13,41/03;5/04	21140	1	45,50/02;12,27,36/03; 7/04	22264	2	42/02;13,18,20,24,26,37, 41/03
18485	15	2*,10,29/03	18758	6	35/02*;16,33,49/03;4/04	21141	23	48/02	22275	3	42/02;12,18,26/03;2/04
18500	28	39/02;12,22,28/03	18760	6	N34,N35,N45,N50/02; N6,N25,N35,N36, N44/03;N1,N7/04	21160	1	45/02	22281	9	12,18/03;4/04
18502	84	39,42,49/02;9,21,28,29, 42,47,52/03	18761	2	N1/04	21180	1	2,7/03	22282	17	12/03;4/04
18504	65	19*,35/03;3/04	18762	15	1/04	21200	1	2/03	22283	3	N12/03;N4/04
18520	24	33,39/02;22/03	18763	9	1/04	21301	13	3,12/03	22284	7	N5/04**
18521	70	5/04*	18765	15	45,50/02;12,27,46/03; 7/04	21342	28	41,44/02	22286	1	5/04*
18523	54	5*/8/04	18766	7	45,50/02;12,27,36/03; 7/04	21384	3	6/03	22290	4	18,30/03
18524	33	33/02;4,6,10,24,29,47, 52/03;8/04	18768	4	N45,N50/02;N12,N27, N36,N38/03;N7/04	21401	20	7/03	22293	15	18,26,37,38/03
18525	33	33/02;4,9,29,52/03;6, 8/04	18769	2	N1/04	21441	27	34,44/02	22294	15	12/03
18526	55	33/02;4,18,29,52/03;6, 8/04	18772	47	21*,48/03	21478	3	9,16/03	22305	2	18,24,30,34/03
18527	21	48/03	18773	39	40*,41/03;4/04	21482	1	36,46/03	22311	19	8/03
18528	10	52/02*;18/03	18774	10	35/02*;10,16,49/03;4/04	21510	1	9,16/03	22312	2	13,30/03
18529	10	52/02*	18775	2	N1/04	21520	1	29/03	22313	2	44/02;8,18,38,40/03
18531	20	34/02;9,10,48,52/03;2, 8/04	19002	9	N37,N51/02;N16,N23, N29,N46/03;N6,N8/04	21521	14	29/03	22314	1	44/02;40/03
18532	20	10,52/03	19004	36	35,37,51/02;23,29,30, 46/03;6,8/04	21525	19	38/03	22322	11	33/03**
18545	15	50/03*	19007	16	51/02;16,23,29,30,46/03	21604	25	4/04	22331	2	N10,N19,N24/03;N1, N2/04
18548	5	8/03*	19008	4	16,23,29,46/03	21605	7	31/03	22335	4	19,52/03
18558	37	39/02;48/03;1/04	19009	4	16,23,29,46/03	21661	12	6/03	22341	9	43/02;11,21,29,52/03; 2/04
18561	11	33,39/02;10,51/03	19010	17	45*,51/02;23,29/03;6, 8/04	22004	38	34,36,39,41,43,52/02;16, 52/02;6,14,17,19,29,32,38, 47/03;7/04	22342	9	21,29/03
18580	21	33,38,39/02;5/1/03	19013	16	50/02;29,30,46/03;8/04	22008	35	34,36,39,41,43,44,48, 52/02;6,14,17,19,29,32,38, 47/03;7/04	22343	1	N43/02;N10,N11,N21, N41,N52/03;N2/04
18581	17	49/02*;4,36,50,51/03	19016	10	3/04*	22032	20	19,40/03	22344	6	N23*,N52/03
18583	38	33,42,49/02;12,43/03	19019	9	28/03*	22036	28	47/02;51/03;2/04	22345	11	42/02;24/03
18584	47	39,49/02;4,6,30,48, 52/03;1/04	19320	16	35,37,51/02;5,16,23/03; 6,8/04	22050	4	12,26/03	22347	6	N23/03*
18587	68	33,39,42/02;4,6,9,10,21, 27,36,52/03;1,8/04	19324	22	35/02;5,23/03	22051	18	5/04	22351	1	N43/02;N12,N35,N41, N52/03;N2/04
18588	37	22*,36/03	19327	10	23,43/03	22082	31	34/02;6,29,32/03	22352	6	12,19,24,35,52/03;1,2/04
18589	15	44/03	19330	9	27/03	22084	20	19,40/03	22360	2	19,52/03;2/04
18600	14	33,37,38,40/02;44,47/03; 5/04	19331	7	23,43/03	22090	2	43/02;4,17/03	22361	2	N10,N30,N32,N33,N34, N52/03;N2/04
18601	13	10/03;1/04	19339	1	N35,N49,N51/02;N5, N13,N30,N47/03;N8/04	22100	3	12/03	22370	2	15,19,26,30,33,34/03; 2/04
18602	12	26*,47/03;1/04	19340	26	35,49,51/02;5,13,29,30, 36,47/03;8/04	22101	5	30,32,33,52/03;2,4/04	22371	5	30,32,33,52/03;2,4/04
18603	16	9*,10/03;5/04	19344	17	29/03	22102	4	13,25,38/03	22373	1	N50/02;N10,N24,N30, N32,N33,N34/03;N3/04
18620	23	35/02*;4,7/04	19347	17	29/03	22103	3	12/03	22375	1	N10,N13/03;N2,N4/04
18622	52	49/02;21,25,27,35/03							22377	1	
18623	11	34/02;4,7/04									

SECTION I

NM 8/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
22379	1	N50/02;N10,N30,N32/03	24151	4	41/03;6,7/04	25001	7	15,52/03	26312	2	21/03
22381		N43/02	24152	2	41,47/03;6/04	25017	5	15,25,31,34,39,52/03	26316	3	21/03
22395	2	42/02;15,19,22,26,30/03	24153	6	39,47/03;6/04	25018	9	15,25,31,34,39,52/03	26320	5	35/02;7,12,22,23,25,31,40/03
22401	4	N23*,N30/03	24155	6	46,49/03	25400	1	35,48/02;8/04	26323	4	1/03
22403	1	N45/02	24160	21	47/03	25480	1	42,46/02;52/03;8/04	26327	2	N41/02*,N17/03
22404	15	46/02	24161	11	42/02;7,28,32,39,40, 47/03	25481	25	8/04	27005	4	6,8,9,22,23,34/03
22406	1	N1/03	24162	9	42/02;6,7,28,32,39,40,42, 47,52/03	25483	20	8/04	27040	5	9/03
22407	1	N4,N11,N18,N30/03	24164	6	39,41,47/03	25487	2	36/03	27041	4	50/02
22408	1	N10,N21/03	24170	14	5,6,35/03	25524	43	33/02;1,5,20,24,26,32/03	27042	21	41,42/03
22409	4	N45/02;N10,N17,N22/03	24171	19	5,6,37,52/03	25525	17	1,5,26/03	27060	2	22,23,34/03
22410	32	43,44,46/02;19,23,40/03	24172	4	5,6/03	25526	2	33/02;24,32/03	27080	4	15,22,39,52/03
22412	2	2,4/04	24180	15	8,40/03	25527	31	33/02;24,32/03	27081	6	49/02
22413		N45/02;N22/03	24201	5	49/03	25528	5	42/02	27082	6	49,51/02
22415	8	2,4/04	24202	6	31,35,46/03	25550	2	21/03	27083	39	28/03;4/04
22417	1	N10,N25/03;N1/04	24203	36	49/03	25563	50	33/02;14,18,21/03	27084	4	13/03
22418	2	36,44,46/02;19/03	24210	14	42/03	25565	7	33/02	27100	2	8,21/03
22420	2	4,11,15,19,30,40/03	24220	14	39/03	25566	27	18,30/03	27102	11	28/03
22421	4	N43,N44,N46/02;N11, N23,N25,N26,N27/03; N4/04	24222	3	39/03	25567	16	21/03	27120	4	41,43,44/02
22423	3	N11,N25,N27/03	24223	33	39/03	25570	3	16/03	27142	5	9/03
22424		N27/03	24230	20	52/03	25575	4	35,39/03	27160	2	8,13,35/03
22425	2	44,46/02	24233	15	36,43/02	25600	47	25,27/03;1/04	27161	4	8,13/03
22427	1	N43,N44,N46,N50/02; N11,N23,N25,N26, N40/03	24234	3	35/03	25607	4	39/02;48/03	27163	21	49/02;8/03
22429		N46/02;N10,N14,N17, N19,N27/03	24240	5	39/02;7,39,46,52/03	25608	21	16,26,34,38/03;1/04	27183	8	1,9/03
22430	6	19/03	24250	5	39/02;7,39/03	25609	5	1/04	27186	8	1,9/03
22433	3	39,47/02;11,14,35/03	24251	23	34,43/02;6,39/03	25610	8	2/04	28004	1	45/02;8,9,22/03
22434	2	35/03	24252	5	39,43/02;6,39/03	25611	22	1/04	28006	1	8/03
22436	2	39/02;10,14/03	24260	5	34/02	25613	2	25,27,47/03;8/04	28050	3	34/02;26,42,47/03
22440	1	19/03	24270	3	17,29/03	25640	40	15,25,31,34,39,52/03	28084	4	17/03**
22471	31	44/02;2,6,8/04	24271	14	17,29/03	25641	26	1/04	28150	3	8/03
22481	35	43,44/02;19/03;2/04	24274	2	17,29/03	25644	13	20/03*	28154	2	38/03
22482	16	44,50/02;23/03	24290	3	36,43/02	25646	7	N42/02	28165	19	6/04
22492	3	34/03	24291	4	36/02	25649	19	44/03*	28190	2	41,43,45,46/02;18/03
22521	3	12,17,34/03	24292	4	36/02	25650	33	25,30,31,39/03	28196	4	41,43,45/02;18/03
22523	3	12,17,34/03	24293	6	36/02;37,42,46/03	25653	13	8/03*	28197	4	45/02;18/03
22529	3	12,17,35/03	24294	22	36/02;37,46/03	25659	9	20/03*	28202	22	41,44/02
22531	2	12,17,35/03	24300	1	25/03	25663	27	17,30,39/03	28210	2	33,35,39,41/02
23000	5	51/03	24306	1	25/03	25664	15	17,30,39/03	28220	2	35,39/02
23010	4	38/02	24370	1	34/02;48/03;1/04	25666	17	17/03	28221	18	33,37,39/02;5/03
23020	4	22/03	24375	2	34/02;38/03	25667	20	15/03	28223	4	35,39/02
23030	6	38/02;21,22,37,42/03	24376	1	38/03	25668	18	48/02;13,34/03	28260	30	35,37/02
23121	7	17,20/03	24380	2	35/02;48/03;1/04	25670	42	2/04*	28263	3	35,37/02
23122	8	33/02	24388	2	35/02	25671	18	21/03*	28264	3	35,37/02
23124	3	N17,N20/03	24404	8	35,44,48/02	25673	15	42/02;43/03	28265	3	37/02
23125	4	17/03	24405	10	35,36,44,48/02	25675	9	20/03*	28281	32	36/02
23131	7	12,22/03	24406	30	2/03	25677	20	32*/39,52/03	28282	2	35/02
23141	7	34/02;22,37/03	24408	21	36,44,48/02	25679	10	20/03*	28300	1	39,50/02
23145	3	37,51/03	24410	2	44/02	25681	16	28*/34,39/03	28302	16	33,39,40/02;12/03;7/04
23150	10	37,52/02	24430	5	39/02;8,11,31,52/03	25683	18	32*/34,39,52/03	28310	2	33,35,39,40/02;7/04
23151	3	12/03	24431	14	39/02;31,52/03	25685	9	22*/52/03	28320	6	33/02
23152	3	37/02;12/03	24433	3	52/03	25688	25	5,13,15/03	28325	2	5/03
23153	8	12,13,49/03	24434	4	39/02;52/03	25689	13	42/02;12/03	29002	9	18,29/03
24004	36	41,42,46/03	24450	3	26,47/03;6/04	25700	3	15/03	29012	8	7/04
24016	53	39/02	24453	5	26/03	25720	3	33/02	29015	5	16/03;7/04
24024	46	18,25/03	24454	5	5,26/03	25800	3	36/02	29040	3	39,48/03;7/04
24028	6	48/02	24460	4	39,47/02;15,29,32,47/03	25841	9	36/02	29101	6	7,8/04
24050	11	34,38,49/02;20,31,32,33, 51,52/03;6/04	24461	4	16,38,47/03	25848	25	5,13,15/03	29105	5	49,50/03;8/04
24052	15	37,38/02;14,19,21,30,42, 44,50/03	24462	5	47/02;16,29/03	26001	4	9/03	29107	2	29,36/03
24053	16	19/03	24463	6	39/02;12,15,25,26,38/03	26050	1	34/02;26,47/03	29121	5	8/04
24055	6	37,49/02;14,19,21,42,50, 51,52/03;6/04	24464	6	33,47/02;38/03	26068	11	18,50/03	29127	4	29,39,42/03
24057	4	38,49/02;20,30,33,42, 52/03;4,6/04	24466	1	46,47/02;13/03	26081	8	46/02;16,42,43/03	29141	3	29,39/03
24058	2	37,38/02;19,22,28,29,30, 42,44/03;7/04	24467	8	47/02	26100	4	31/03	29142	3	7/03
24060	2	34/02;17,32/03	24471	8	47/02	26122	21	49/02;5/03	35000	26	47,48/02;14,49/03
24080	5	17/03	24470	3	25,27/03	26128	50	49/02;5/03	35011	2	48/02;1,25/03
24091	6	6,21,46/03	24471	3	27/03	26129	11	41/03	35036	21	36/02;10,15,27,43/03
24092	14	6/03	24492	20	46/02	26142	10	33/02	35040	18	45/02;8,10,14,21,49/03
24100	5	46/03	24500	1	7/04*	26210	2	36/02	35041	8	35/02;4/03
24101	3	37,41/02	24501	3	27/03	26245	16	51/02;15/03	35042	9	44/02;4,14,44/03;8/04
24102	3	37,41/02	24502	6	46/02;27,34,47/03	26259	2	51/02	35044	9	38/02
24110	3	35/03	24504	7	41,45,46/02;42,48/03	26261	27	8/03	35047	5	35/02
24130	14	5/03	24508	3	22/03*	26262	3	8/03	35056	14	40,41/02;10,14,49/03
24133	6	31/03	24509	2	45,50/02;15,25,34,42/03	26282	6	22,23,34/03	35080	16	40/02;49/03
24140	18	41,42,46/03;6,7/04	24510	2	41,45,46,50/02;42/03	26290	1	21/03**	35081	15	22,27/03
24141	4	5/03	24511	2	24,42,48/03	26295	1	21*/22,34/03	35082	7	22,27/03
24142	43	5,6/03;7/04	24512	3	44,46/02;24,25,38,42/03	26300	5	21*/22,23,34/03	35083	8	20/03
24149	1	52/03	24513	18	46/02;38,42/03	26309	26	11/03	35084	15	50/02
24150	27	41,47/03;6,7/04	24517	2	46,49/02;25,40,42/03	26310	1	N48/03*	35086	5	22/03

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
35135	1	5/03	37046	18	43/02;43,46/03	37224	11	22,23,30,37/03	42004	1	N23/03*
35136	2	48,51/02	37050	9	42,46/02;10,12,17/03	37226	17	39/02;8,9,12,14,17,21,23, 51/03	42036	2	43/03
35141	11	34/02	37060	3	46,50/02;9,13,18,43, 46/03	37228	14	8,14,23,27,29,30/03	42038	2	43/03
35143	7	34/02	37061	15	36,38/02;5/03	37229	15	8/03	42141	3	6/04
35144	3	11/03	37063	21	36,50/02;43/03	37230	14	39/02;28/03	42160	3	7,38/03
35150	3	48/02	37075	3	5,18,43/03	37231	18	6,10,12,14,50,52/03;8/04	42301	3	38,52/03
35155	3	25/03	37080	3	33,34,38,40,42,44,45,46, 51/02;14,7,9,14,15,18,	37232	12	29,31/03	42560	5	31,38,40/03
35163	7	44/02			20,21,22/03	37234	13	7,8,31/03	42580	5	40/03
35166	4	35/02	37081	23	38,43,50/02	37235	11	17/03;5/04	42600	5	14,30,40/03
35167	3	35/02	37082	9	44,50/02;11/03	37238	6	17,21,30,33,37,40,41, 45/03;7/04	42620	5	14,38/03
35169	2	35/02	37084	9	38,40,43/02	37241	17	26,27,30,32,33,35,37,39, 43/05;03/7/04	42640	6	38,40/03
35200	7	48,51/02;5,25/03	37085	8	38,40/02	37242	10	26,30,32,35,39,43/03	42660	5	38/03
35236	2	38,50/02	37086	8	38,50/02;4/03	37243	7	27,30,32,37/03	42740	5	34,41/02;6,25,31,40/03
35246	2	38,43/02	37087	7	38,40/02	37244	11	23,26,27,28,30,32,33,35, 37,39,43,45,46/03/7/04	42742	3	6,8,30/03
35247	4	50/02	37088	9	5/03	37246	14	21,24,27,30,32,33,35,39, 40,43,45,46/03/1/04	42760	5	8,19,24,25,47,52/03;2/04
35255	3	50/02;14/03	37089	12	4,13/03	37248	18	39/02;21,23,24,26,27,30, 32,35,40,41,43,45/03;	42762	3	N25,N30,N47,N52/03
35256	2	14/03	37090	8	45,51/02;1,7,9,14,16, 22/03	37258	4	1,11,22/03	42765	3	47,50/03;2/04
35270	2	38,46/02	37095	3	1,7,9,11,14,15,16,20,22, 32,39/03	37261	10	1,7,11,20,22/03	43000	4	9/03
35276	3	46/02	37104	3	41/02	37262	20	1,11/03	43015	12	9/03
35277	3	38,46/02	37106	4	32/03	37264	3	1,15,22/03	43030	24	2,9,10,11,12,13,15,17,22, 27,28,30,32,46,48/03;1,3, 6,8/04
35279	3	38/02	37110	11	47/02;20,25,31,32,39/03	37265	3	1,7,17,32/03	43040	6	38,47/03;2/04
35299	9	13/03	37112	1	47/02	37281	15	1,15,22/03	43058	3	20/03
35301	6	17/03	37115	2	33,47/02;7,25,31,32, 39/03	37320	16	38,44/02;9,10,11,P12,15, 17,21,24,36,38,44/03; 7/04	43059	3	44/02;20/03
35302	7	17/03	37119	2	43/02	37325	8	34,39,47/02;15,18/03	43060	4	44/02;27/03
35303	7	40/02;17/03	37120	2	39,42,49,51/02;4,6,21,23, 24,25,26,27,30,32,39,42, 43,44,45/03	37326	2	34,47,51/02;15,18,21, 36/03	43079	2	41/02
35308	5	10/03	37121	11	25/03	37328	2	42,44/02;11,15,21,24/03	43080	4	44/03
35330	2	38,41/02	37122	12	48/02;19,31,44,45/03	37330	2	34,38,40,46/02;9,13, 14/03	43082	5	41/02;47/03
35350	2	38,41/02	37123	9	49/02;6,20/03	37342	3	2,11,15,21,45/03	43101	3	46/02
35402	3	38/02	37125	15	42,49/02;6,9,20/03	37343	10	45/02	43102	4	46/02
36005	2	34,36,38,45,46/02;P12, 14,17,24,25,27,31,43, 44/03	37126	8	41/02	37344	11	34/02;21,38,45/03	43104	4	46/02
36010	27	38/02;5,15,16,20,23, 43/03	37127	11	49/02;4,6,20/03	37360	15	34,43/02;2,9,10,11,15,17, 21,24,31,36,38,39,43,44, 45/03	43106	6	44/02;44/03;7/04
36015	2	36,46/02;27,44/03	37128	9	42,49/02;6,9,20/03	37362	6	43,48,51/02;1,2,4,17,22, 32,33,38,39/03	43107	1	7/04
36040	16	1,15/03;6/04	37129	8	41/02	37363	8	48/02;4,17,32/03	43120	4	5,7/04
36046	5	38/02	37130	11	49/02;4,6,20/03	37367	1	38,49/02	43122	3	7/04
36060	17	38/02;5,8,20,21/03;2/04	37131	6	39,42,49/02;4,6,20,23,24, 30,42,45/03;7/04	37380	2	34,40,42,43,44,48,51/02; 9,10,17,21,38,39,41, 43/03;7/04	43123	3	5,35,7/04
36061	5	46/02;20/03	37133	4	44/02	37400	10	34,38,40,41,44,46/02;6, 10,20,31,34,36,41,43,46, 47/03;1,7/04	43124	7	44/03;7/04
36062	11	40*/46/02	37134	5	38/02;45/03	37401	9	44/02;4,6,13,14,16,22,31, 36,43,44,47/03/1/04	43126	4	5,7/04
36098	6	5/03	37136	6	38,46,50,51/02;30/03	37402	7	41,42,44,50/02;4,13, 14/03;1/04	43127	5	20/03;1,3/04
36102	6	13/03	37137	6	46,48/02;30/03	37403	23	10,41/03	43140	4	41,48,52/02;12,35,38/03; 1,5/04
36103	9	13/03	37139	8	1/03	37420	1	34,43/02;2,9,10,11,15,17, 21,24,31,36,38,39,43,44, 45/03	43141	5	52/02;12/03;5/04
36104	6	13/03	37140	33	35,49,51/02;4,6,16,24,25, 30,32,42,43,44,45/03	37421	8	14,21,41/03	43142	4	52/02;12/03;1/04
36106	7	47/02;5,13/03	37141	29	36,40,48,51/02;1,4,12,17, 19,24,27,31,45/03	37423	5	14,21,41/03	43143	4	12/03
36118	3	5/03	37145	23	46,50/02;4/03	37443	2	38,45/02;3/04	43144	4	6,12,43/03
36120	9	46/02;5,8,16,23,27/03	37147	15	35,38/02;4,10,11,27, 51/03	37445	1	47,44/02;4,13,14,16,22,31, 36,43,44,47/03/1/04	43145	4	12/03
36123	25	46/02;11,16/03	37148	13	35,58/02;4,10,11,27, 51/03	37446	2	13,40/02;1,34,36,41,43,46, 47/03;1,7/04	43146	2	48/02;34,35,44/03
36124	18	16/03	37149	10	44/02	37450	7	41,42,44,50/02;4,13, 14/03;1/04	43147	3	35,38/03
36125	7	4,30/03	37150	8	14,19,26,27,32,33,35,37, 39,41,43,46/03;7/04	37452	4	43/03	43148	4	43/03
36137	4	38/02	37161	14	34,43/02;1,14,19,24,41, 43,46/03	37460	23	10,41/03	43150	2	N34,N35,N38,N41/03
36138	3	39/02;4/03	37162	12	21,26,27,30,32,33,35,37, 39,40,41,43,45,46/03;	37462	1	34,43/02;1,7,41/03	43160	6	34,35,36,38,41/03
36139	4	4/03	37163	19	7/04	37472	8	14,21,41/03	43161	2	41,44/02;35,41/03
36140	12	36,41/02;4,10,27/03	37164	4	23,26,27,30,32,33,37,43, 46/03;7/04	37473	5	14,21,41/03	43162	3	41/03
36141	7	4/03	37165	2	34,36/02;10,12,13,15,21, 23,26,27,28,30,32,34,35, 37,39,43,45,50,52/03;1,5, 7,8/04	37474	2	38,45/02;3/04	43163	3	44/02;41/03
36143	4	34/02;5,30,43/03	37166	2	14,19,21,26,27,30,32,33, 34,35,37,39,40,41,43,45, 46,51/03;7/04	37475	1	40,47/02;7,8,20,33/03	43164	3	48/02;6,34/03
36161	10	34,44,45,47,50/02;4,10, 18/03	37170	11	38/02;14,19,46/03	37476	7	41,42,44,47,51/02;8,20,33, 34/03	43166	2	43/03
36163	13	34,35,38,44,45,47,50/02; 4,18/03	37175	2	5,27,30,45,46,51/03	37477	8	14,21,41/03	43168	2	36,42/03
36164	7	34,38,44,46/02;8,15/03	37180	20	38/02;27,31,35,49/03	37478	6	9,44/03	43180	5	9,44/03
36165	6	36,44/02;10,27,30,43/03	37182	14	35,47,48/02;24,27/03	37479	3	14,21,41/03	43181	3	43/03
36167	2	40/02	37183	9	48,51/02;10,24/03	37480	8	18/03	43182	4	47,52/02
36173	1	40/02	37184	8	48/02;5/03	37485	4	18/03	43204	4	36/03
36180	23	36,40,50/02;4,27,44/03	37200	15	28,30,35/03	37486	2	1/04	43223	4	41/02
36181	18	36,40,50/02;4/03	37202	2	22,27/03	37487	1	1/04	43225	4	52/02
36182	6	36,40/02;27/03	37205	2	39/02;22,24,30,40/03	37488	4	3/04	43240	4	50,51/02
37000	22	47,48/02;14,23,43/03	37211	13	34,36/02;6,10,11,12,13, 14,15,21,23,29,30,32,50, 51,52/03;5,8/04	37489	6	4/03	43242	4	52/02
37005	16	41,45,47/02;5,12,13,15, 23,28,29,30,50,51/03;5, 8/04	37216	2	21,22,30,46,52/03	37490	8	15/03	43243	4	50,51/02
37010	23	41,45,47/02;10,12,13,15, 19,23,27,28,29,30,43,50, 51/03;5,8/04	37222	13	21,22,30,46,52/03	37501	3	46,47/02;7,8,20,33/03	43247	5	44/03
37025	26	38,51/02;1,24,25,27,31, 33,34,36,38,41,43/03;3, 4/04	37223	14	42,02;21,26,27,30,32,34, 35,39,43/02;7/04	37505	2	46/02;7,33,41/03	43248	3	9,44,46,47/03
37032	2	1,6,25,31,38,42,43,45/03; 3,4/04	37224	11	48/03	37506	4	45,46,47,51/02;8,20,33, 34/03	43252	1	44,46/03
37033	2	47/02;33/03	37225	20	38/02;27,31,35,49/03	37517	2	1/04	43260	4	46,47/03
37034	2	8,14,33,41/03	37226	13	39/02;22,31,35,49/03	37518	3	35/03	43261	5	46/03
37041	15	50/02	37227	13	40/02;21,26,27,30,32,34, 35,39,43/02;7/04	37519	6	48/03	43262	5	46/03
37042	5	41,45									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
43301	4	45,50/02;49/03	44081	9	39/02;9,13,46,48/03	44286	1	2,27,40,47/03	51168	2	45,46,50/02;2,4,8,45/03
43302	4	44,47,50/02	44082	11	9,33/03	44310	5	41,42/02;7,37,50/03	51180	5	13,16/03
43303	4	41,47,50,51/02;43/03	44083	8	9,11,24,25,26/03	44313	1	41,47/02;36,37,39,40/03	51200	4	14/03
43304	2	44,47,50/02;43/03	44084	1	6,11,26/03	44319	2	41,42/02;4,6,9,10,P20,	51220	8	33/02;18,43,45,46/03
43320	5	49/03	44085	2	51/03	44320	4	6,8,9,15,P20,25,26,37,49,	51222	6	51/02;16/03
43321	6	41,47/02	44100	7	44/02;2,9,11,12,13,22,31, 40,41,46,48,49,51/03;	44321	6	40/02;6,8,44,45/03	51223	2	17,18/03
43323	4	27,49/03		6/04		44340	11	37/02;4,6,8,9,15,17,P20, 26,33,37,49,50,52/03;2,6, 7/04	51240	2	33/02;43,46/03
43324	4	27,49/03	44105	2	49/02;5,6,8,24,26,27,41, 47,48,52/03;3/04	44341	7	37,41/02;7,9,P20,26, 52/03	51260	4	37,50/02;16,18,28,43,44, 52/03
43340	13	49/03	44120	7	2,9,10,15,19,20,22,23,24, 27,33,39,40,41,45,48,	44342	8	37,41/02;6,52/03	51261	23	5,6,13,15,19,40,46/03
43341	7	41/02;12,49/03	44140	8	50/02;1,6,19,21,23,24,26, 31,40,44,47,50/03	44352	2	4,6,7,8,12,15,17,19, 49/03;2,7/04	51263	23	49/02;13,17/03
43342	7	26,49/03	44160	7	46/02;1,4,5,6,11,13,14, 15,20,26,31,41,47,48,	44360	9	34,37,41,42/02;4,9,10,20, 27,28,30,31,32,37,39,44, 52/03;2/04	51341	23	48/02;6,16,34/03
43344	3	39/03	44161	2	50/02;1,2,6,10,21,35,39, 41,48,49,50/03;3,8/04	44361	6	4,10,15,21,26,27,28,35, 52/03;4,6/04	51342	3	1/03;5/04
43345	4	1/03	44162	1	50/02;1,24,47,47/03	44365	1	7,8,26,27,43,52/03;4/04	51344	2	5,7,16,18,44/03
43360	21	6,10,13,17,20,21,28,30, 32,43,52/03;5,7/04	44163	1	48/02/	44366	1	34,41/02;4,44,52/03	51380	5	47/02;42/03
43362	5	44/03	44164	1	46,48/02;1,11,18,22, 47,03/2,6/04	44367	2	35,37,40/02;6,39/03	51420	5	42/03
43363	5	45/02	44165	1	46/02;1,5,6,11,20,22,24, 34,39,45,48/03;2/04	44400	4	48/02;4,6,7,8,9,12,15,17, 19,23,24,25,27,34,41,49, 50,51/03;7/04	51440	4	42/03
43364	5	45,46/02	44178	2	2,5,7,10,16,26,27/03; 2/04	44401	7	10,12,19,24,41,49/03; 6/04	51500	6	20/03
43366	4	44/03	44179	2	10,16,35,39,51,52/03;3, 8/04	44410	4	4,6,11,12,13,14,15,23,24, 26,27,41,45,49,50/03;2, 3/04	51540	3	22,45/03
43368	5	43,48/03	44180	6	34,45,46/02;1,2,5,7,8,9, 20,26,43,48,50/03;2,3,6, 8/04	44420	6	36,49/02;8,9,10,11,12,14, 17,22,25,27,40,44,49/03; 5,8/04	51559	3	41/02
43369	6	43,48,50/03	44181	5	5,10,13,20,21,27,48, 52/03;2,8/04	44430	2	6,10,11,14,19,24,25,40, 44,47,52/03	51560	11	50/03
43370	7	47/03	44182	4	48,49/02;1,2,15,18,27,42, 43,46,48,49/03;1,2,6, 8/04	44444	6	9,12,30,34,35,36,38,41, 52/03;7/04	51580	13	41/03
43371	13	38,43/03	44183	6	48/02;1,6,8,9,10,19,20, 25,27,35,39,43,46,49/03; 2/04	44461	10	6,10,24,25,26,28,31,36, 47,50/03	51600	12	20,39/03
43373	8	45/02;17,20,40,42,49,50, 52/03;8/04	44184	9	45,49/02;2,10,13,20,22, 32,48,52/03;8/04	44462	4	27,39/03	51620	10	20,39/03
43374	1	43/03	44185	7	45,49/02;1,2,10,27,32,48, 50/03	44463	9	24/03	51621	9	20/03
43375	7	46/02;6,7,10,12,16,18,23, 42,44,50,51/03;5/04	44186	2	45,46,48/02;1,2,5,8,9,10, 15,16,25,27,29,49/03;1, 3/04	44465	2	6,25,47/03	51641	4	32,34,40/03
43377	2	47/03	44187	2	5,6,9,13,25,27,39,44,48, 50,52/03;2,6/04	44481	2	24,26,31,50/03	52031	1	6,21,48,49/03;7/04
43378	2	38/03	44188	4	48,49/02;1,2,15,18,27,42, 43,46,48,49/03;1,2,6, 8/04	51002	7	4/04	52039	4	5*,7,8,9,13,14,18,21, 45/03
43382	2	48/03	44189	9	45,49/02;2,10,13,20,22, 32,48,52/03;8/04	44493	2	10,11,14,19,24,25,40, 44,47,52/03	52040	17	43,50/02;13,16,18,34/03
43384	1	48/02;4,5,6,7,10,11,12, 13,15,16,17,18,23,25,26, 27,32,44/03;2,5/04	44190	7	45,49/02;1,2,10,13,20,22, 32,48,52/03;8/04	44494	6	22,38/02;7,27,33,40/03	52042	6	22/03*
43385	1	45,48/02;5,11,13,20,23, 24,26,42,46,49,51/03; 8/04	44191	9	45,49/02;2,10,13,20,22, 32,48,52/03;8/04	44495	1	36,49/02;8,9,10,11,12,14, 17,22,25,27,40,44,49/03;	52043	21	46/02;6,7,48,50,52/03; 1/04
43386	2	47/03	44192	6	48/02;1,6,8,9,10,19,20, 25,27,35,39,43,46,49/03; 2/04	44504	2	6,36/02	52045	6	36/02
44000	16	44/03	44193	1	46,48/02;1,18,23,39,43, 44,48/03;1,2,5,8/04	44505	2	50/02;6,7,16,18,21/03	52046	21	50/02;6,7,16,18,21/03
44001	2	48,49/02;1,6,7,8,9,11,13, 14,P20,23,26,50/03;8/04	44194	9	45,49/02;2,10,13,20,22, 32,48,52/03;8/04	44506	11	7,8,34/03	52047	11	7,8,34/03
44015	8	48,49/02;6,7,8,9,10,11, 13,14,24,26,40,44,47, 50/03;8/04	44195	7	45,49/02;1,2,10,27,32,48, 50/03	44507	3	8/03	52048	3	8/03
44030	7	46/02;4,8,9,13,19,48, 50/03	44196	2	45,46,48/02;1,2,5,8,9,10, 15,16,25,27,29,49/03;1, 3/04	44508	1	43/02	52051	1	43/02
44036	5	13,16,17,20,23,28,30,32, 52/03;5/04	44197	2	10,16,35,39,51,52/03;3, 8/04	44509	1	44/03	52052	1	44/03
44037	5	16,22,52/03	44198	6	34,45,46/02;1,2,5,7,8,9, 20,26,43,48,50/03;2,3,6, 8/04	44510	2	38,02;7,21,33,36,45/03	52054	1	44/03
44038	5	46/03	44199	1	46,48/02;1,18,23,39,43, 44,48/03;1,2,5,8/04	44511	7	38/02;7,27,33,40/03	52055	1	44/03
44040	23	44/02;6,10,13,16,17,20, 22,23,24,28,30,32,44, 52/03;1,5,6/04	44200	9	34,52/02;4,9,12,13,22,27, 37,43,47,50/03	44512	28	15,17,19,22/03	52060	16	43,50,51/02;7,12,P20,26, 29,34/03;6/04
44041	7	48/02;1,9,10,13,16,20,23, 28,52/03;3,8/04	44201	7	45,49/02;1,2,10,27,32,48, 50/03	44513	31	37/02;24,40,44/03	52061	2	45,48,51/02;7,12,20,P20,
44042	7	44,45,49/02;4,7,9,10,11, 17,19,20,25,27,28,29, 32/03	44202	1	46,48/02;1,18,23,39,43, 44,48/03;1,2,5,8/04	44514	10	6,10,24,25,26,28,31,36, 47,50/03	52062	7	7,12,23,29,34/03;1,6, 7/04
44043	8	44/02;1,6,9,10,11,13,16, 52/03	44203	1	1,7,15,18,43,48,50/03;5, 6/04	44515	31	37/02;24,40,44/03	52066	3	50/02;14,16/03
44044	6	6,10,13,16,44/03	44204	1	48,52/02;2,4,5,7,12,15,19, 22,26,27,29,31,39,43/03	44516	1	50,51/02;1,17,21,22,25,33, 40,44/03	52080	14	50,51/02;4,7,10,11,12,14, 20,P20,26,48,49/03;5, 7/04
44045	6	22,44/03;5/04	44205	2	48,52/02;2,5,7,12,15,19, 22,26,27,29,31,39,43/03	44517	3	50,51/02;1,17,21,22,25,33, 40,44/03	52083	2	45,46,51/02;1,16,46, 48/03
44046	10	22,24/03;1,6/04	44206	1	46/02;4,5,13,16,17,19,24, 28,40,46/03;6/04	44518	2	52/02;1,17/03	52084	2	45/02;4,10,11,12,14, 18/03
44047	22	44/02;10,12,22,24,30,31, 32,40,48/03	44207	1	4,5,17,19,23,28,40,41,45, 46,50/03	44519	7	1,6,7,8,9,14,27,33,34, 41/03	52085	3	50,51/02;4,11,16,46/03
44048	11	5,12,18,22,25,27,31,40, 48/03	44208	5	4,5/04	44520	1	33,45/02	52086	2	45,50,51/02;1,4,9,11,14, 36/03;5,7/04
44049	9	44,46,50/02;8,14,22,24, 30,31,40,48,50/03;1,2/04	44209	1	44,48/03;3/04	44521	1	53,45/02	52087	1	51/02;6/04
44050	21	20,31,32/03	44210	1	6,13,21,24,48/03	44522	2	45/02;4,10,11,12,14,18, 20,P20,26,49/03	52088	2	45/02;4,10,11,12,14,18, 20,P20,26,49/03
44051	1	44,48,50/02;1,11,14,22, 25,26,27/03;1,2/04	44211	1	19,21,52/03;3/04	44523	1	51,45/02	52092	1	46,51/02;16,48/03
44057	5	29,30/03	44212	1	6,13,21,24,48/03	44524	1	52,45/02	52120	12	51/02;6,11,16,18/03/6/04
44061	21	24,32/03;1,6/04	44213	2	5/03	44525	1	53,45/02	52121	8	45,46/02;1,6,8,11,16, 23/03
44062	8	28,40/03;1/04	44214	7	5/03	44526	2	6/03	52122	14	45/02;11,14/03
44063	8	17,03;1/04	44215	7	5/04	44527	3	6/03	52124	1	51/02;6/04
44064	19	22,28/03;1,6/04	44216	9	5/04	44528	4	6/03	52125	1	45,46/02;8,11,16,18/03
44065	7	42/02;16,17/03;6/04	44217	9	34,49,50/02;2,6,12,15,19, 22,34,44,47,50/03	44529	5	47/02;39/03	52126	6	49,52/03;5,7/04
44066	10	39,02;31/03;6/04	44218	2	49/02;12,15,19,21,22,27, 45,49,50/03	44530	5	50,51/02;13,5,22/03	52141	5	48/02;41,44,46,49/03
44067	22	16,17,28/03;6/04	44219	2	49/02;12,15,19,21,22,27, 45,49,50/03	44531	1	50,51/02;1,15,22/03	52142	2	12,18,23,29/03
44068	11	44/02;10,11,13,40,51/03	44220	1	49,50/02;13,17,19,21, 26/03	44532	8	18/03;7/04	52143	8	18/03;7/04
44069	16	11,13,17,22,23,40/03	44221	1	49,50/02;13,17,19,21, 26/03	44533	5	21,23,47/03;7/04	52144	5	50/02;3,7,8,10,14

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
52220	7	27/03	53287	6	35,42/02;1,5,7,8,10,15, 22/03	54389	8	43,52/02	55190	2	6,20,27,39,40,51,52/03;2, 3,6/04
52221	7	27/03	53290	1	35/02	54400	8	43/02;3,16,22,30,36, 37/03	55200	2	8,10,20,25,26,27,28,32, 33,36,39,42,45,46,47,50, 52/03;4/04
52223	4	27/03	53301	4	22/03	54402	4	52/02	56011	1	50,52/03
52240	9	27/03	53302	4	51/02	54403	4	43,52/02;24,30,36/03	56031	1	1,2,17,21/03
52262	6	4/04	53303	6	49,51/02	54407	4	43/02;3,7,16,30,37,49/03	56041	4	21/03
52263	5	4/04	53306	2	39/02;31,43/03	54409	2	7,8,12/03	56044	3	38/02
53011	2	51/02;7/04	53311	3	39/02;37/03	54413	3	37/03	56060	9	27*,38/03
53031	1	39,48/02;5,12,14,24,31, 49/03;6,7/04	54040	3	37/02;6,10,20/03	54416	5	33,37/03	56063	1	16/03
53058	2	4,37/03	54041	7	35/02;4,8,16,17,24/03	54417	1	30/03*	56064	6	38/02;2,16/03;8/04
53060	14	51/02;4,5,9,10,12,14,31, 36,39,44/03;6/04	54043	2	17/03	54418	4	43/02;3,7,16,30,37,49/03	56065	3	33,38/02;16,38/03;8/04
53061	10	44,47/02;12,16,17,38, 44/03	54061	11	52/02;42/03	54421	6	47/02;36,41,43,46,49/03	56067	3	48/02*;20,38/03;8/04
53062	13	1,14,16/03	54063	3	1,13/03	54422	4	46/03	56081	19	41/02;5/04
53063	9	33*,37/03	54081	3	10/03	54423	5	48/02*;17/03	56082	16	29/03
53064	6	33/02;10,20,39/03	54085	2	40/02;15,24,42/03	54430	1	37,43/02;36,43/03;2/04	56100	14	33/03*
53065	2	33/02;39/03	54090	3	46/02*;11,15,19/03;6/04	54440	4	41/02;17,38/03	56101	6	33/02;1/03;5/04
53066	2	33/02;20,39/03	54095	3	46/02*;8,15,30,42/03	54441	6	42/02;2/03	56102	23	1/03;5/04
53081	8	4,5,11,16/03	54105	3	46/02*;8,13,17,19,50/03	54462	5	17,51/03;4/04	56103	6	1,33/03;5/04
53082	13	40/02;7/04	54115	3	46/02*;15,30/03	54463	5	1/04	56104	3	22/03*;5/04
53083	8	9,10,21,22,41/03	54120	5	37,39,41/02;15,17,19/03	54464	5	17/03	56105	1	38/03*
53084	6	51/02;14,16/03	54125	3	46/02*;15,17,30,47/03	54480	8	36,41/02;2,17,21/03;7/04	56120	12	1/03
53085	6	51/02;14,16/03	54131	2	50/03	54481	8	36/02;33,43/03;7/04	57000	10	43/03
53086	8	46,48/02;17/03	54140	7	41/02;15,30,47,51/03	55001	4	36,37,42/02;14,15,28,29, 33,35,36,39,43,44,52/03; 6/04	57029	9	12/03
53087	9	48/02;17/03	54151	1	3,42/03	55040	4	39,41/02;16,20,21,35,36, 39,41,42,50,52/03;6/04	57035	10	10,12,23/03;4/04
53088	7	33/02	54161	12	10,20,21/03	55041	7	21,43,49,50/03;2,5/04	57060	7	43/03
53089	4	21,22,23,41/03	54165	2	33,37/02;38/03	55042	1	42/02;17,35,37/03	57063	5	40,41/02
53090	1	41/02;50/03	54166	3	10/03	55043	2	37,39,42/02;37,52/03	57064	3	41/02
53093	2	41/03;8/04	54167	2	20/03	55044	5	41,43/02;16,42,52/03;1, 2/04	57101	18	41/02
53100	16	33,39,42,51/02;6,10,13, 18,20,21,24,31/03	54180	6	41,43,50/02;5,30,42,47, 51/03	55045	2	41/02;39,52/03;3/04	57103	2	16/03
53101	7	33/02;8,13,16,24/03	54181	7	48/03*	55046	4	37,38,39,41,48/02;18,19, 35,36,41,46,50/03;6,8/04	57120	13	43/02
53104	2	35,42/02;20,24/03	54195	2	5,51/03	55047	8	41,49,51/03;6,7/04	57140	10	43/02
53105	20	37/02;8/03	54200	4	5,8/03	55048	12	36,37,39,41,48/02;20/03; 1,8/04	57141	14	43/02
53106	6	21,33/03	54201	6	8/03	55049	6	41,43/02	57142	6	43/02
53107	16	35/02;6,03	54222	4	43/02;20/03	55050	7	36,37/02;28/03	57160	10	43/02
53110	1	40/02;10,15,17/03	54223	2	8/03	55051	1	28/03	57162	7	43/02
53111	3	44/02*	54224	2	8/03	55052	1	6,44/03	57164	2	43/02
53120	14	39,42/02;5,6,7,13,17,31, 35/03	54226	2	50/02;47/03	55053	1	4,43,44/03;6/04	57165	1	43/02
53122	3	40/02;7,8,16/03	54227	2	50/02;47/03	55054	6	41,43/02	57170	1	43/02;52/03
53123	3	7,29/03	54266	2	13/03	55055	7	36,37/02;28/03	57200	6	11,52/03
53125	2	46,51/02;13/03	54279	4	50/02*;2,15/03	55056	5	28,33/03	57201	5	52/03
53130	1	42,47/02;10,13,18/03	54280	10	5,15,22/03	55057	1	25,27,31,35,36,38,42,	57220	4	11/03
53133	4	33*,45/03	54282	1	51/02	55058	3	37,48/02;6/03;8/04	57241	12	31/03
53135	2	51/02;7/03	54283	5	52/02	55059	9	5,25,32,44,46,50/03	57242	8	41/03
53141	5	34,51,52/02	54284	1	51/02;15,34/03	55060	8	39,42/03/9/04	57245	1	41/03
53147	3	36,39,42,51/02;6,7,10,13, 17,20,35/03	54287	7	5,15/03	55061	8	36,37/02;6,28,29,33,34, 39,43,44/03;6/04	57260	3	23/03
53160	14	51/02;3,6/03	54289	8	1/03	55062	5	3,51,33,36,39,46,50/03	57261	2	23/03
53161	8	51/02;3,8,13,18/03	54302	1	21/03	55063	1	46,50/03;2,4,6/04	57262	4	23/03
53162	7	50/02*;15/03	54318	3	1,14/03	55064	3	7,25,32,34,38,39,42,43, 45,46,50,52/03;2,6/04	57381	12	52/02;15,16,23/03;4/04
53164	9	37,51/02	54320	4	48/02;1,24,25/03	55065	4	46,50/03;2,4,6/04	57400	4	12/03
53165	13	39/02;8/03	54321	2	25/03	55066	3	4,5,15,25,32,36,43,46,50, 52/03;2,6/04	57408	2	12,24/03
53166	1	6/04	54322	7	1/03	55067	2	48/02;1,4,5,7,15,19,20, 25,26,27,31,35,36,38,42, 43,45,46,50,52/03;2,6/04	57420	3	12/03
53180	10	33,34,43,51/02;1,3,6,7, 13,15,18,20,21,29/03	54329	4	5/03	55068	2	48/02;1,4,5,7,14,19,21,33, 36,45,46,52/03;2,6/04	57460	4	10,12,29/03
53181	4	34/02;1,13,21/03	54332	3	25/03	55069	7	36,41,42/02;14,15,29,33, 36,42,43,48,52/03;3/04	57471	3	12,15/03
53182	4	36/02;15,16/03	54334	3	5/03	55070	2	37/02;6,29,43,44,51/03; 3/04	57472	2	12/03
53183	13	35/02;20/03	54335	3	24/03	55071	2	37/02;6,14,28,33,34, 42/03/2/04	57480	8	12,15,23,27/03
53184	5	35/02;1,6,13,18,20/03	54339	8	12/03	55072	2	10,14,24,27,32,36,51/03	57482	12	24/03
53200	6	33,36,43/02;5,6,7,15,16, 20,30/03/4/04	54340	8	48,51/02;3,4,24/03	55073	7	11,24/03	57483	11	24/03
53201	6	51/02;18,21,38/03	54341	4	23/03	55074	7	15,23,24,27/03	57484	19	15,23,24,27/03
53202	6	15,17/03	54343	10	48/02;4,5,11,12,13/03; 6/04	55075	6	24/03	57488	6	24/03
53203	11	5/03	54344	6	48/02;24/03	55076	2	33,36,38/02;1,4,5,8,14, 26,27,28,32,34,43,50/03; 2,6/04	61000	20	10,15,23,27,31/03
53204	10	44/02;5/03;1/04	54346	8	11,12,13/03	55077	9	10,12,15,24/03	61020	2	27/03
53205	3	5,26/03	54347	4	51/02	55078	4	6,10,11,12,13,14/03	61036	8	7/03
53206	6	5,25/03	54350	4	51/02;37/03	55079	7	13,33,37/02;6,15,27,34, 35,42,45,46,47/03/04	61040	6	10,31/03
53220	6	36,43,51/02;5,16/03/4/04	54351	7	52/02;26/03	55080	5	5,14,34,36,38,46/03/6/04	61050	4	10,15,31/03
53226	3	3*,17,18,35/03	54352	3	52/02;1,3,33,37/03;6/04	55081	7	15,24/03	61051	7	15,24/03
53242	12	52/02;1,13/03	54359	2	38/03	55082	5	12,27,39/03	61060	5	12,27,39/03
53244	2	1/03	54360	12	52/02;20,21,34,50/03; 6/04	55083	9	10,12,15,24/03	61061	9	10,12,15,24/03
53262	8	1/04*	54361	10	38/03	55084	2	4,9,39/03	61070	4	9,39/03
53263	1	37/02;17/03	54362	3	52/02	55085	4	18,39/03	61071	9	18,39/03
53264	5	17/03	54363	3	21,50/03;2,6/04	55086	4	9/03	61080	4	9/03
53265	6	35,41,46,52/02;15,16/03	54364	2	52/02	55087	5	12,27/03	61090	5	12,27/03
53266	4	1,8,13,17/03	54365	6	36/02;11,21/03	55088	1	5,12,13,14/03	61091	5	12,18,24,27,35/03
53268	4	42/02;7/03	54366	4	50/03	55089	1	13,18,24,27,35/03	61092	13	18,27,35,39/03
53269	5	17/03	54367	4	52/02;20,21,34,50/03; 2/04	55090	1	10,12/03	61100	4	10,12/03
53279	3	7,15/03	54368	4	52/02;20,21,34,50/03; 2/04	55091	3	25/03	61110	3	25/03
53281	4	40,52/02;15,18/03	54369	4	52/02;20,21,34,50/03; 2/04	55092	12	25,27,34/03	61111	12	25,27,34/03
53282	8	4/02	54380								

SECTION I

NM 8/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
61312	3	33/02	62434	9	40,46,52/02;8,12,17,18, 21,23,43,50/03;1,4,5/04	63271	8	52/02;8/03	71402	1	40,46/02;4,5,6,33/03
61331	4	7/03	62437	10	30*,32,35,37/03;5/04	63290	7	38/02;10,22/03	71410	1	39/02;12,23/03
61400	2	7/03	62439	4	1/03	63291	9	33/02;16/03	71420	1	38,39/02;3,12,14,23/03
61410	2	7/03	62440	8	16*,41/03;8/04	63310	5	11/03	71430	3	11*,20,23/03
61430	2	7/03	62441	10	36/02	63320	8	37,49/03	71440	2	11*,23/03
61433	1	7/03	62442	6	24/03	63321	6	42/02;9,37,49/03	71445	1	7/03
61434	2	7/03	62446	3	43/03	63322	2	9,49/03	71450	1	7/03
61541	8	41/03	62449	4	8/04	63330	9	39/02;4/03	71455	2	11*,23/03
61542	6	41,46/03	62451	7	5/04	63337	15	39/02;4/03	71460	1	41/02;23/03
61560	2	7/03	62453	4	16*,50,52/03	63370	1	20/03	71470	2	38/02;14/03
61562	2	6/03	62455	7	39,43/02	63400	1	39/02;8,11/03	72000	8	35,47,50/02;2,20,21,23, 24,27/03
61581	5	28/03	62457	6	11/03*	63410	6	39/02;8,9/03	72007	10	36,38,47,51/02;2,5,7,11, 27,50/03
61582	4	28/03	62459	2	6,41/03	63413	5	39/02	72014	10	46/02;7,19/03
61591	4	28/03	62460	4	33/02;10/03	63417	2	39/02	72021	8	36,38,47,50,51/02;7,20, 23,27,50/03
61610	7	34/03	62464	2	49,50/02;4/03	63420	2	39,45/02;8/03	72028	7	34/02;22/03
61611	11	34/03	62480	2	16*,18,32,41/03;8/04	63424	2	45/02	72035	8	8,21,27/03
61612	4	34/03	62490	2	16*,17,18,21,32,50/03	71005	1	34/02;2,6,12,13,16,23/03	72045	2	8,27/03
61650	3	12/03	62498	4	4,9,31/03	71009	3	39,46,48/02;1,6,7/03	72050	4	23/03
62000	20	46/02	62499	4	49,50/02;4,9,31/03	71012	3	33,39,46/02;1/03	72060	8	50/02
62001	5	11*,28,50/03	62510	3	11*,12/03;8/04	71015	4	23/03	72070	4	2,9/03
62024	13	38,40/02;29/03	62512	3	N11*,N12/03;N8/04	71018	10	33,35,37/02;7,12,13,15, 21,25,26,27/03	72075	2	9/03
62028	15	10/03	62515	2	45/02	71006	5	39/02;23/03	72080	7	51/02;2,9/03
62032	16	11*,17,21,41/03;8/04	62520	6	20*,28,32,41/03;8/04	71027	9	34,38,45,49/02;2,4,5,14, 18,23,33/03	72085	3	15*,50/03
62033	3	N11*,N17,N21,N41/03; N8/04	62521	4	N20*,N28,N32,N41/03; N8/04	71033	31	37,38,49/02;3,12,14,15, 23/03	72094	2	38/02;7/03
62046	3	19/03*	62530	6	20*,28,32,52/03	71036	8	35,44/02;12,14,23,26/03	72100	7	7,19/03
62050	6	44/02	62531	4	N20*,N28,N32,N52/03	71040	5	34,42/02;7,47/03	72103	2	4,6,7,19/03
62092	7	41/02	62540	6	34,40,45,48,50,52/02;8, 12,17,18,21,30,35,43, 50/03	71042	1	34/02	72105	2	36,38/02;7,11,19,50/03
62095	3	11*,32/03	62541	3	N34,N40,N45,N48,N50, N52/02;N8,N12,N17, N18,N21,N30,N35,N43, N50/03	71045	2	23/03	72107	2	7,19/03
62097	6	38/03*	62550	3	16*,28,32,52/03;5/04	71058	2	36/02	72109	3	42,44/02
62098	7	33/03*	62560	4	16*,18/03;5,8/04	71059	1	36/02	72130	4	46/02
62100	6	P23,26/03	62570	4	33,34,36,40,45,48/02;8, 12,17,18,30,35,37,43, 50/03;1,5/04	71061	15	36/02	72131	3	11/03
62110	9	P23,26/03	62572	1	50/03*	71066	1	39/02;6,7,10,24/03	72161	10	10/03
62140	1	34,40/02	62580	3	33,45/02;12,35/03	71081	3	21/03	72181	2	36/02;7,11,50/03
62142	10	32/03	62584	2	7/04	71091	4	1,2/03	72190	2	10/03
62143	3	32/03	62590	2	36,40,46,48/02;8,12,17, 18,21,23,30,37,43,50/03; 1/04	71140	6	33,39,46/02;1/03	72201	8/03	
62170	2	38/02	62591	3	N36,N46,N48/02;N8, N12,N17,N18,N21,N23, N30,N37,N43,N50/03; N1/04	71180	29	33,37/02;7,12,13,15,21, 23/03	72211	6	43/02;5,8/03
62188	3	50/03	63000	13	48/02;40/03	71241	10	6,12,16,20/03	72223	8	27/03
62191	15	11*,15,28/03	63005	18	16/03	71243	5	15/03*	72231	8	21/03
62194	8	36/02;4/03	63005	14	52/02;44/03	71247	18	5,6,8,14,17,21,22/03	72234	2	18,19/03
62195	7	19/03*	63010	14	52/02;44/03	71248	2	N51/02*N1/03	72236	1	9,12/03
62220	9	21/03*	63015	13	38,40,52/02;9/03	71250	11	38/02;6/03	73000	9	40,52/02;10,20,21/03
62222	5	19/03*	63020	15	4,9,11/03	71253	10	35,40,42/02;5,6,7,13,14, 16,17,21/03	73004	4	10/03;8/04
62225	3	37/02;17/03	63040	2	46/02;52/03	71255	6	28/03*	73012	6	11/03*
62230	2	50/03	63050	2	46/02;45/03	71257	2	5,6,7,12,13,16/03	73014	10	48,52/02
62241	10	9/03;5/04	63053	4	39,45/03	71258	2	35/02;5,6,7,13,22/03	73016	4	44/02
62242	11	47/02;9/03	63055	2	39/03	71259	3	15*,17,19,44/03	73020	9	9,21,22/03
62250	4	34,38/02;32/03	63060	7	45/03	71261	8	35/02;2,16/03	73030	4	22/03
62270	4	37,41/02;29,32/03	63062	7	7,16,18,37,44,50/03	71265	3	46*,49/02;7,13,15,16, 20/03	73032	4	9,22/03
62271	5	37,41/02;10/03	63063	9	20/03	71271	10	34,52/02;19/03	73041	2	5/03
62290	3	37,41/02;10,21,P23, 26/03	63065	6	44/03	71272	10	34/02;19/03	73191	3	7/03
62295	3	21,P23,26/03	63066	7	16/03	71275	3	35/02;2,6,16,19,33/03	73271	7	13/03
62302	2	4/03	63070	3	16/03	71276	7	6,33/03	73552	4	34,45/02;1,7,9,10,38/03
62310	2	29/03	63070	14	52/02;44/03	71277	2	35/02;2,16,19,33/03	73570	7	34,45/02;1,10/03
62330	2	38,40/02	63080	5	48/02	71281	7	51/02;34/03	73580	4	52/02;43/03
62340	3	38/02	63090	8	15,30,40/03	71285	3	34,52/02;13,19/03	73590	6	47,52/02;36,43/03
62343	3	8/03	63091	4	39,48,52/02;9/03;5/04	71295	2	34,39,40,52/02;12,19/03	73601	3	34,35,47/02;43/03
62350	3	10/03	63100	2	44/02;30/03	71305	2	34,36/02;2,13,23/03	73631	4	36,46/02;1,17,40/03
62355	6	8,29/03	63101	15	15,30,40/03	71311	4	7/03	73640	5	36/02;16,40/03
62360	5	38/02;12/03	63102	19	15,30,40/03	71313	8	45/02	73650	5	40/03
62361	2	N38/02;N12/03	63103	17	15,16/03	71314	5	6,10/03	73653	1	40/03
62366	4	33,33/03*	63111	9	48/02;9/03	71315	2	34/02	73657	4	52/02;3,43/03
62393	7	34,37,50/02;8/04	63120	2	44,48,52/02;8/03	71320	1	35/02;5,14,33,38/03	73661	3	34,35,47,49/02;43/03
62394	10	34,37,50/02;8/04	63121	5	48/02;5,8/03	71325	8	5/03	73663	4	36,46/02;1,17,40/03
62395	3	25/03*	63122	15	30/03	71327	3	35/02;2,6,16,19,33/03	73664	5	36/02;16,40/03
62400	17	33/02;4,9,31/03	63123	19	52/02;30/03	71328	7	51/02;34/03	73665	1	40/03
62401	9	6,10,41/03;8/04	63124	17	15,16/03	71329	3	34/02;19/03	74000	6	36,47/02;2,7,18,41/03
62402	10	10/03*	63125	4	40/02;16/03	71330	13	35/02;5,33,38/03	74002	2	35,47/02;31/03
62404	3	6/03	63126	9	48/02;9/03	71331	11	5,7,8,33,38/03	74003	5	47/02;7,10,31,34/03
62405	8	43/03	63127	2	44,48,52/02;8/03	71332	2	6,7,33/03	74004	2	35,37,39,47/02;9,30/03
62406	2	33/02;28/03	63128	5	45,52/02	71335	2	8,38/03	74005	2	34,35,46,47,51/02;4,7,9,
62408	7	10/03;8/04	63129	6	45/52/02	71340	11	40,46/02;2,4,5,6,7,33/03	74007	1	36/02;46/03
62409	6	7/03	63130	9	40/02;30/03	71343	3	7/03	74008	6	51/02
62411	1	52/02	63131	2	30/03	71348	3	35/02;7,23/03	74009	10	38,49/02;8,9,21,36,44/03
62412	12	52/03	63132	3	45,52/02;16,30/03	71349	2	23/03	74012	10	37,40,49/02;6,8,19,20,27, 36,37/03;8/04
62413	12	28*,50,52/03	63133	5	45,52/02	71350	8	5,6,7,14/03	74015	10	40/02;21,31,36,03/8/04
62417	1	52/02	63134	6	45/02	71352	4	37,45/02;18,31,38/03	74016	3	27,42,48/03
62419	6	33/02;8/03	63135	8	45/02	71353	4	37,45/02;18,31,38/03	74017	4	37,45/02;18,31,38/03
62420	5	33,37,39/02;8,52/03	63136	3	45/02	71354	6	44/02	74018	6	44/02
62420	9	39,43/02	63137	4	19/03	71355	1	40,46,51/02;5/03	74020	4	33,37,38,43/02;5,18,31, 38/03
62421</td											

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74027	9	43,44/02;39/03	74440	3	39/02;2/03	75240	4	36,39/02;4,2,47,39/03; 8/04	91005	6	45/02;19,42/03
74030	6	51/02;42/03	74450	3	49/02;2,37/03	75241	6	34,36/02;26,35/03	91008	1	44,48/02;8,10,12/03
74051	2	42/03	74455	3	48/02;14,38,49/03	75251	5	33,48/02;3,19,37,40/03	91010	6	48/02;10,12/03
74053	2	51/02	74460	4	37,40,46,49/02;6,20, 37/03	75261	6	33,36,48/02;3,6,26,31, 38/03;1/04	91020	5	19,46/03
74151	9	36,44/02;2,20,29,40, 41/03	74465	2	9,36,38/03	75262	6	38/02;16/03;1/04	91025	8	46/03
74152	11	36,44/02;27,30,34/03; 1/04	74470	2	8/03	75263	9	5,26,31/03;1/04	91030	3	42/03
74153	2	36,44/02;2,27,41/03;1/04	74475	2	44/02;42,48/03	75264	17	33,34,37,41,42,44,45/02; 2,27,32/03;1/04	91170	2	38,41,44/02
74162	4	36,46,47/02;8/03	74480	2	44/02	76015	1	35,40,45/02;28,45,52/03; 3/04	91175	2	6/04
74171	4	33,36,47/02;3,10,18,20, 40/03	74485	3	43/02	76030	9	49/02;52/03;3/04	91280	7	19,43,46/03
74172	5	36,47/02;7,10,18,40/03	74490	3	38,43,45/02	76040	8	47/03	91289	19	43/03
74181	8	33,35,37,38,39,47/02;10, 34/03	74495	2	41/02;8,9,16/03	76050	8	49/02;18,28,52/03	91294	8	19/03
74182	12	33,35,37,38,39,41,42,44, 51/02;6,10,17,25,34,38, 39,40,41,42,49/03	74510	2	33,35,37/02;5,10,17,18, 35/38/03	76052	2	6,20,31,32,38,40/03	91297	9	19/03
74183	11	38,39,42/02;4,6,17,25, 38/03	74515	4	33,35,39/02;4,7,10,31, 35/03	76054	5	49/02;52/03	91300	3	46/03
74184	10	33,35,37,38,46,48/02;17, 34/03;8/04	74521	3	41/02	76056	3	9,37/03	91331	3	42/03
74186	7	34/02;4,10,17,21,27,30, 36/03	74525	2	44/02;36,49/03	76060	7	40/02;52/03	91340	3	42/03
74190	7	35,36,37,46/02;1,16,31, 34,39/03	74530	2	42,44,48/02;36,38,49/03	76061	3	40/02;9,52/03	92006	5	45,46/02;5/03
74191	2	35,46,48/02;1,7,9,29/03; 5/04	74535	3	40/02;18,32/03	76070	9	35/02;28,45,47,51/03; 3/04	92025	3	42/03
74192	3	35,46/02;1,40/03	74545	4	5,32/03	76071	9	35/02;28/03	92030	4	42/03
74200	8	37,46/02;1,8,32,40/03	74550	3	34,43,44,48,51/02;5/03	76080	8	1,18,47/03	92033	5	45/02
74201	9	32/03	74555	3	40,43,46,48,50/02;4,5,18, 31,32/03	76081	7	28,37/03	92150	3	43/03
74202	3	1,7,27/03	74560	10	40/02;4,5,18/03	76083	3	1,37/03	92160	3	43/03
74204	5	37/02;1,7,8,32,40,46/03	74561	2	5/03	76120	6	45/03	92170	3	43/03
74205	2	27,32,35/03;1/04	74565	9	34,36,40,41,43,45/02;27, 31,39,48/03	76121	8	47/03	92290	2	19/03
74206	2	34/02;27,32,35/03	74572	9	40/02;17,20,27,31,39, 48/03	76140	7	46/02	92296	3	19/03
74210	7	7,17,37,46/03	74583	15	34,40,43,44,48/02;38, 48/03	76141	8	46/02;28,37,45,52/03	92410	3	42/03
74220	8	35,47,51/02;30,37,46, 50/03	74584	5	34,41,43,45/02;26,27,36, 38,39,48/03	76144	1	28/03	92450	3	42/03
74221	2	35,51/02;30,38/03	74590	2	51/02	76146	1	28,45/03	92560	4	45/02
74229	2	33,37,43,47/02;18,26, 50/03	74591	7	40/02;8,38/03	76147	1	28/03	93006	2	39,45/02;4,8,10,43,44, 48/03
74230	7	39,42/02;5,7,36,46,50/03	75000	6	47/02;6,31/03	76160	4	28/03	93010	6	38,40,41/02;2,13,14,18,
74231	7	35/02;3,21,36,50/03	75001	3	47/02;5,6,31,32/03	76161	10	40/02;47/03	93018	8	1,14,18,24/03
74232	9	5,7,21/03;8/04	75010	7	41,42,50/02	76162	1	18,28/03	93020	2	38/02;4,13/03
74234	1	8,17/03	75025	9	36,39/02;2,4,8,25,27,36, 38,39/03/8/04	76164	1	28,45/03	93025	5	45/02;45/03
74240	8	34,39,42/02;4,5,7,8,9,41, 46/03	75035	18	36,39/02;2,6,26,27/03; 8/04	76166	10	40/02;47/03	93030	6	45/02
74251	8	34,37,42,44,46,51/02;6,9, 17,21/03	75110	6	5/03/5/04	76167	5	47/03	93032	3	45/02;24/03
74252	9	47/02;5,7,9/03	75120	2	42/02	76168	1	28/03;3/04	93043	1	45/02
74253	6	47/02;8,9,16,20,21,30/03	75130	16	34,41,50,51/02;5,7,8,16, 19,25,26,37/03	81004	3	37*,43/03	93046	1	45/02;5/03
74261	9	41,49/02/4,10,30,39/03	75131	7	17,39/03	81008	9	52/03*;8/04	93047	2	45,49/02;24/03
74265	2	38,41,43,47,49/02;7,9,16, 21,30/03	75132	11	17,19,25,29,32,35/03	81014	14	52/03*;7/04	93048	1	35,49/02;5,14,33/03
74270	3	38/02;7,38/03	75134	3	33,51/02;5,19,29,37, 45/03	81063	5	47/03	93049	1	45/02;4/03
74271	9	38,46/02;19,26,27,29,30, 38/03	75142	5	36,42,50/02;35/03	81067	6	46/03*	93061	4	45/02
74272	7	4,19,29,30/03	75143	4	33,36,38,42,50/02	81092	3	38*,50/02;32/03	93220	6	34/02;47/03
74273	5	38,41,43/02;7,19,27/03	75144	3	33,36,42,51/02;4,10,18, 25,30,38/03	81711	6	31/03;1/04	93240	11	34/02;16,24,47/03
74281	7	3,30,52/03	75150	5	50/02;16,19,26/03	81715	4	31/03;1/04	93241	9	8,16,25/03
74283	2	46,49/02;27,52/03	75151	22	33,36,38,40,42,48,52/02; 1,6,16,26,35,38,40,44/03	82005	5	17/03	93243	6	42/02
74285	2	34,35,45/02;1,9,16,38, 50/03	75152	5	39/02;49/03	82010	6	17,39/03	93244	7	16/03
74286	2	29,35/03	75153	9	33,36/02;1,6,20,26,35,38, 40/03	82015	13	39/03	93245	6	16,24/03
74287	2	34,38,52/02;9,47/03	75157	9	33,38,40,45,50/02;6, 18/03	82020	7	39/03	93260	8	7,18,47/03
74289	5	9/03	75166	9	42,50/02;25,26,32,40, 44/03	82192	6	43/03	93261	5	7,47/03
74290	11	34,39,45,46,48,49,51/02; 1,7,9,10,16,27,30,38, 50/03	75177	7	38,48,50,52/02;6,26, 38/03	82200	2	17,41/03	93280	4	18/03
74292	8	34,38/02;9,27,52/03;1/04	75180	2	8,25,38/03	82210	2	42,48/02	93360	5	38/02
74293	7	34,45,48/02;9,16/03	75185	2	47/02;8,36/03	82242	1	35,48,50/02	93520	13	45/02;15/03
74294	3	34,45/02	75190	2	47/02;25,36/03	82244	5	35,42,48/02;20,39/03	93610	3	44,45/02;6/03
74295	3	4,9,27,29,35/03;1/04	75191	6	37,38,43,47/02;8,19,30, 34,36,38/03	82253	7	35,48,50/02;20,39/03	93650	2	44/02;6,24,28,49/03;2/04
74296	4	34,38,49/02;9,27,52/03	75193	6	49/02;1,5,7,10,16,19, 35/03	82280	N39/03		93652	2	3,6,24,49/03;2/04
74320	3	35/02;8,18,41,43/03	75197	7	38,48,50,52/02;6,26,	82646	2	33/02	93680	3	45,47/02;24/03
74340	3	16/03	75207	2	36,52/02;4,16,33,37,43, 49/03	82684	3	33,38/02;7/03	93690	2	44/02;6,45/03
74350	4	16,44/03	75208	2	50/02;30,33/03	82689	3	38/02;17/03	93698	3	45/02;28/03;6/04
74376	5	43/02;9,16,44/03	75213	2	36,52/02;33,38/03	82694	6	38/02;17/03	93710	3	6,15,43,52/03
74380	4	8,9,26/03	75215	2	36,59,40,52/02;7,33, 38/03	82697	6	38,46/02	93720	10	39,45,50/02;8,15,17,20, 24,28,42,43,44,48,49/03
74391	3	26/03	75220	12	36,39,49/02;4,20,26, 39/03;8/04	82700	6	6/03	93721	5	39,42,45,50/02;4,11,17, 20,23,25,40,41,43,44,45, 46,48,49,50,52/03;1,4,7, 8/04
74392	7	39/02;25,49/03	75221	2	36,52/02;33,38/03	83021	1	43/02	93725	6	45/02;24,49/03
74393	9	38,41,50/02;3,39/03	75222	8	36,59,40,52/02;7,33, 38/03	83023	4	43/02	93726	4	48/02;8,12,17,45,50/03
74394	2	41,49,50/02;3,39/03	75223	2	36,39,49/02;4,20,26, 39/03;8/04	83025	1	12,45/03	93730	3	39,40,42,45,47,50/02;2,4, 17,24,28,31,41,42,43,46, 47,48,49/03
74410	3	38/02;7/03	75224	8	36,39,49/02;4,20,26, 39/03;8/04	83026	32	41/02;6/03	93733	13	39,45/02;4,19,20,25,40, 41,44,45,47,48,52/03;1,4, 8/04
74415	1	39/02	75225	12	36,39,49/02;4,20,26, 39/03;8/04	83029	11	41/02;6/03	93734	12	51/03*;4/04
74420	3	45/02;19,27,30/03	75226	8	36,39,49/02;4,20,26, 39/03;8/04	83030	2	2,12/03	93736	22	41/02;4,20,25,40,41,45, 46,50/03;1,4/04
74420	2	49/02	75227	8	35,40/02;1/04	83031	8	2,12/03	93778	8	47/02;7/03
74430	2	49/02	75228	8	35,40/02;1/04	83032	8	2,12/03	94004	6	33,37,44,52/02;8,9,10,12, 17,18,42/03;6/04

SECTION I

NM 8/04

CHARTS AFFECTED BY NOTICE TO MARINERS NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
94016	2	33,35,52/02;3,9,10,14,17, 21,33,47/03	95080	13	33,40,44,45,50,52/02;1,6, 7,9,10,14,17,19,21,24,25, 27,28,30,31,32,48,52/03	95261	7	48/02;1,5,9,16,23,28,36, 47/03	97063	2	48/03*
94028	7	40,42,52/02;1,6,7,8,9,11, 14,17,21,24,27,31,33,40, 51,52/03;1,4/04	95082	9	33,44,46/02;1,4,7,11,17, 25,27,28,30,52/03	95262	13	41,46/02;1,6,9,27,36/03	97064	2	6,14,33,45/03
94033	5	19,21,23,29,42,44/03; 2/04	95083	8	33/02;1,4,19,28/03	95264	8	48/02;25/03	97065	2	48/03*
94040	13	37,47,51/02;6,8,10,17,18, 28,31,43,51/03	95084	7	50,52/02;8,12,17/03	95267	5	13,20,23,26,36,49/03	97080	5	16,22,26/03
94042	9	47,51/02;7,18,24,43, 45/03;4,8/04	95085	4	45,52/02;1,6,11,12,27, 33/03	95268	16	39,48/02;6,9,13/03	97082	5	46/02;16,34/03
94046	10	33,37,46,47/02;7,8,10,12, 14,15,18,24,31,42/03	95086	5	45,52/02;1,6,8,11,12,23, 27,31,33/03	95270	4	48/02;9,10,13,20,21,22, 23,26,36,52/03	97083	3	29,34,35/03
94060	10	33,37,46,47/02;7,8,10,12, 14,15,18,24,31,42/03	95087	3	33,40,48/02;1,8,30, 31/03;1/04	95271	4	44,48/02;9,10,12,13,20, 26,36/03	97100	4	42,47/02;16,17,26,49/03
94061	5	33,35,47/02;23,41,42, 52/03	95100	12	38,39,43,44,45,46,47,50, 52/02;1,4,6,7,8,9,10,17, 23,25,27,28,29,31,37/03; 4/04	95273	2	48/02	97101	2	50/03*
94063	4	33,41/02;8,18/03	95101	8	39,44,50/02;1,5,6,9,14, 17,28,31/03	95274	3	48/02;23,28,36,43/03	97104	4	7,41/03
94067	10	33/02;10,11/03	95102	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 23,25,27/03;1/04	95276	4	1/04*	97105	3	41/03
94080	7	33,44,48/02;10,19,22,32, 51/03	95103	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03	95280	9	48/02;8,20,26,52/03	97108	4	50/03*
94082	8	44/02;8,19,22,51/03	95104	15	38,39,44,45,46,47,48,50, 52/02;1,4,6,7,8,9,10,17, 23/03	95281	15	7,10,14,36,45/03	97120	6	37,40,42,43/02;9,14,16, 17,25,40,44,45,49/03
94083	12	44/02	95105	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03	95282	7	46,52/02;4,6,9,19,20,22, 23/03	97140	17	33,37,39,43,45/02;7,9,14, 16,25,40,44,45,46,49, 52/03
94120	6	33,38,48,52/02;9,10,17, 18,21/03	95106	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03	95285	3	18,20/03	97141	5	40,46/02;8,13,20/03;6/04
94122	7	40/02;35/03	95107	8	42,43,45,47,52/02;4,6,7, 10,12,19,27,28,31/03	95300	5	45,48,52/02;44/03;2/04	97143	11	43,45/02;9,13,20,25,26, 44,49/03;6/04
94123	9	33,38,42,44,52/02;9,10, 15,17,18,28/03	95108	7	42,43,52/02;1,4,14,21, 26/03	95320	15	35,38/02;20,21,26,33, 40/03	97144	14	44*46/02;7,8,9,13,20,39, 44,49/03;6/04
94124	13	38,42,44/02;10,15,17,25, 28/03	95109	8	45,46,48,49,50,52/02;8, 16,17,19,23,24,25,27,28, 30,35,36/03	95341	8	42,47/02;1,10,40,44/03	97145	1	43/02;8,9,25,40,45,47/03
94127	2	33,38/02;6,9,13,16,18/03	95110	15	38,40,41,44,48,49,52/02; 1,7,8,9,10,17,21,24,25, 27,29,33,35,37,51,52/03; 4/04	95342	16	9,13,16,20/03	97146	10	44/02*15,39/03
94160	7	33,38,44,46,47,50,51, 52/02;9,10,12,16,17,18, 19,28,31,41,42/03;6/04	95111	7	42,43,52/02;1,4,14,21, 26/03	96004	14	44,45/02	97148	9	45/02;9,27/03
94164	2	46,50,51/02;12,16,19,41, 42,43/03	95112	7	42,43,52/02;1,4,14,21, 26/03	96016	7	51/03	97149	20	34,35,44,45/02;1,16, 25/03
94165	4	50/02;18,24,43/03	95113	8	45,46,48,49,50,52/02;8, 16,17,19,23,24,25,27,28, 30,35,36/03	96028	5	51/03	97150	13	34,39,43,44/02;20,27,42, 49/03
94180	9	42,44,47,50,51/02;23,28, 44/03;6/04	95114	8	45,47,50,52/02;1,6,7,8, 17,19,21,23,25,29,37, 51/03;4/04	96032	3	38/02;34,51/03	97151	16	35,44,45/02;12,13,14,16, 20,25,49/03
94184	2	N51/02	95115	9	50,52/02;8,10,19,23, 29/03	96036	2	36/03	97152	9	1*,6/04
94187	3	14,23,36,45,46/03	95116	11	40,45,47,48,49,50/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96041	11	39,44,45/03;8/04	97153	8	52/03*
94188	2	44,46,47,51/02;8,28/03	95117	9	40,45,47,48,49,50/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96042	11	10,21,39,40,44,45/03; 8/04	97154	2	36/02
94201	1	51/02;24,28/03	95118	14	36,38,39,40,41,44,46,47, 48,50,52/02;1,8,9,16,21, 23,24,31,32,35,37,48/03	96044	10	23,38,51/03;2,7/04	97155	14	35,36,37,39,40,48/02;12, 13,18,20,28/03
94203	10	41,42,44,46,47,52/02;10, 11,24,41,42/03	95119	4	51/03;4/04	96048	1	41/02;10,50/03	97156	6	37/02;1,14,03
94206	3	41,42,44,47,52/02;11,19, 44/03	95120	11	40,45,47,48,49,50/02;1,5, 6,8,9,10,11,13,16,21,23,24, 35,37/03	96050	6	41/02;10,39,40,38/04	97157	2	40/03*;1/04
94207	5	N42,N44,N47,N52/02; N11,N19/03	95121	14	36,38,39,40,41,44,46,47, 48,50,52/02;1,8,9,16,21, 23,24,31,32,35,37,48/03	96052	3	21/03	97158	5	50/03*
94208	6	N44/02	95122	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23,25,28, 29,31,32,35,36/03	96054	5	10/03	97159	6	33,39/02;7,14,16,44,46, 52/03
94216	6	45/02;10,17,42,44,47/03; 1,5/04	95123	8	45,47,50,52/02;1,6,7,8, 17,19,21,23,25,27,28,30, 36/03	96056	5	10/03	97163	14	14,36/03
94217	4	6/03;2,5/04	95124	9	40,45,47,48,49,50/02;1,5, 6,7,8,9,10,11,12,13,16, 17,19,23,24,25,27,28,30, 36/03	96058	3	10/03	97164	1	7,14,16,52/03
94218	3	36/02;6,18/03;2,5/04	95125	9	34,36,37,38,41,43,43,49, 52/02;8,9,19,24,25,27,30, 32,35,52/03	96060	3	38/03	97165	1	7,16,52/03
94219	1	47/02;46/03;6/04	95126	9	34,36,37,38,41,43,43,49, 52/02;8,9,19,24,25,27,30, 32,35,52/03	96062	4	36/03	97166	1	33/02;21,46/03
94220	4	41,42,47,49/02;8,10,11, 17,18,33,42,44,47/03; 5/04	95127	17	34,36,37,38,40,44,46,47, 48,50,52/02;1,8,9,16,21, 23,24,31,32,35,37,48/03	96064	3	12/03	97167	2	33/02;21/03
94260	5	49/02;1,6,11,31/03	95128	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23,25,28, 29,31,32,35,36/03	96066	2	41/02;10,50/03	97168	6	34,39,43,45,46,48/02;4,8, 13,20,22,24,44/03
94280	5	51/02;15,32/03	95129	5	45,51/03	96068	4	41/02	97169	13	34,39,46,48/02;1,4,5,6,7, 8,12,14,17,18,20,21,22, 23,27,35,46/03;1/04
94281	6	6,42/03	95130	2	43,36,37,38,43/02;19,25, 32/03	96070	3	7/03	97170	2	40/03*;7/04
94282	9	46/02;8/03;7/04	95131	13	41,42,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03;1/04	96072	2	45/02	97171	2	44/02;9,14,18,22,39, 43/03
94283	7	46/02;2,8,12,32/03;7/04	95132	13	41,42,47,52/02;1,6,8,9, 11,17,19,21,24,25,27,33, 36,40/03;1/04	96074	3	43/04*	97172	2	44/02;1,7,12,14,18,22,39, 43/03
94290	2	1,7,31/03;7/04	95133	14	48/02;1,6,11,14,17, 21/03	96076	1	10/03	97173	2	44/02;9,14,18,22,39, 43/03
94322	14	8,47/03;6/04	95134	16	40,45,48,50/02;1,5,6,8,9, 10,17,19,23,25,27,30, 37/03	96078	4	4/03	97174	2	44/02;1,7,12,14,18,22,39, 43/03
94360	6	43/02;6,13/03;2,8/04	95135	2	40,44,47/02;10,14,19,30, 35/03	96080	3	4,7,9,22/03	97175	2	43/02;1,7,12,14,18,22,39, 43/03
94361	13	13,15/03;2,8/04	95136	2	1,6,9,10,13,14,17,21/03	96082	6	45,52/02;6,13,20/03	97176	3	43/02;1,7,12,14,18,22,39, 43/03
94363	4	43/02;16,18,29/03	95137	4	43,48/02;1,6,9,27/03	96084	3	43,52/02;20,22,23,42/03	97177	3	43/02;1,7,12,14,18,22,39, 43/03
94380	4	N5,N6,N18/03	95138	5	40,45,48,50/02;1,5,6,8,9, 10,17,19,23,25,27,30, 37/03	96086	5	16,12,13/03	97178	3	41/02;6,33/03
94384	3	5/03	95139	1	41,50/02;9/03	96088	8	21,22/03	97179	4	6,9,13,20,23,25,47/03
94420	3	39/02;4,8,11,13,14,23,42, 44,47/03;2/04	95140	10	44/02;1,6,9,11,14,17, 21/03	96090	21	45/02;22/03	97180	3	37,39,42,44,45,49,52/02; 6,8,9,10,13,17,18,19,20, 22,23,25,26,29,33,46/03;
94421	10	45/02;4/03	95141	2	44,50,52/02;11,16,23/03	96092	3	7,47/03	97181	15	43,44,45/02;20,25/03
94423	12	45/02;11/03	95142	1	1,6,9,21,37/03	96094	6	3,7,47/03	97182	13	43,39,46,48/02;1,4,5,6,7, 8,12,14,17,18,20,21,22, 23,27,35,46/03;1/04
94440	2	46/02;18/03	95143	1	1,9,21,32/03	96096	2	35/02;1,9,22,33/03	97183	9	44/02;5,9,14,16,18,22,26, 43,44/03
95016	8	40/02	95144	1	1,6,9,10,13,14,17,21/03	96098	3	33,42/03	97184	15	47/02;1,7,12,14,18,22,39, 44/03
95040	8	40/02;11/03	95145	4	43,48/02;1,6,9,27/03	96099	2	45/02	97185	2	43/02;1,7,4,6/03
95041	7	23,50/03	95146	1	50,52/02;1,2,28/03	96100	1	10/03	97186	3	44,48/02;9,18,03/2/04
95060	13	40,43,44,47,48,52/02;1,6, 11,14,17,19,21,23,29,31, 33/03	95147	1	50,52/02;12,27/03	96102	3	17,40/03	97187	3	44,48/02;9,18,03/2/04
95065	5	48/02;10,31/03	95148	2	8						

SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 8/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.		
97226	7	18,41/03;6/04	97398	4	43/03*		
97227	11	42,43/02;9,18,30,34/03	97400	4	34*,44,49/03		
97228	15	39,40,42,43/02;5,6,9,15, 17,18,20,21,22,27,29,35, 49,52/03;7/04	97410	9	50/03*:2/04		
97229	12	36,39,47/02;6,8,9,18,28, 33/03	97412	7	40/02;47/03		
97230	18	36,52/02;6,9,28,33/03	97420	17	34,39,42,47,52/02;1,8,10, 33,38,40,45/03;1/04		
97231	11	41/02;6,23,33/03	97421	13	35,36/02;1,10,13,20,26, 36/03		
97232	9	7/04*	97423	2	35,36/02;1,13,20,26, 36/03		
97233	11	33,43,44,49/02;1,5,6,9, 15,16,23,33,35/03;2,7/04	97425	6	34,39,47,52/02;1,6,8,10, 45/03;1,2/04		
97234	17	43,47,49/02;1,6,8,9,16, 41/03;7/04	97440	8	52/02;1,16,19,27,43, 47/03		
97235	2	52/03*	97441	5	46/02;47/03		
97236	20	47/02;9,16,23,35,41/03	97443	6	15,19,25,47/03		
97237	6	41/03	97460	7	40/02;5,19,21,47/03		
97239	10	33/02;1,5,9,16,23/03	97461	9	5,8,19,21,22,23,26/03		
97241	6	10/03;1/04	97465	9	1,6,8,19,20,22,33,37/03; 6/04		
97243	8	33,48/02;1,5,6,21,27, 33/03	97466	2	46/02;1,23,27/03		
97244	5	9/03	97469	10	1,6,8,19,20,22,33,37/03; 6/04		
97245	11	36/02;1,5,9,29/03	97471	5	N22,N33/03;N6/04		
97246	7	43,52/02;5/03	97472	8	34/02;33/03		
97251	4	6,10,17,36,52/03	97474	7	22/03		
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97262	10	34/02;1,5,6,7,15,21,26, 33,46/03;2/04	97481	6	47,49/02;9,18,20/03		
97263	10	5,7,9,15,18,21,46/03; 2/04	97483	7	48,52/02;20/03		
97266	5	37,41/02;1,5,6,7,14,15, 18,26,42/03;1,2,7/04	97521	6	42/02;16,18,20/03		
97267	16	40,41/02;1,5,6,8,10,13, 18,26,27,42/03;7/04	97564	3	16/03		
97268	10	6/03	800669	8	N1/04		
97269	11	45/02;8,13,18,27/03;7/04	800744	1	N49/02;N5,N12,N13, N16,N36,N47,N50/03		
97270	6	36,44/02;1,5/03;7/04	801217	1	N6,N8,N19,N20,N22, N33,N37/03;N6/04		
97271	12	37,39/02;6,10,12,26,35, 41,44/03	801885	3	N34/03		
97272	11	52/02;6,10,12,14,23,37, 47/03;1/04	801902	9	N25,N31/03		
97273	11	34*,52/03;1/04	801953	1	N39,N52/03		
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97275	3	52/03*	802260	5	N1/04		
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97277	11	1,5,6,8,9,14,35,39/03; 1/04	804059	2	N43/03		
97278	11	39/02;1,20,35,39,49/03; 6/04	804567	4	N31/03		
97279	9	9,27/03	805118	3	N12,N36/03		
97280	4	52/02	805647	2	N37,N51/02;N30/03; N8/04		
97281	3	50/03*	806927	8	N25,N30,N39/03		
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97300	6	1,13,25,26/03;6/04	809310	9	N39/02		
97303	3	47,48/02;45/03	809679	2	N50/02;N12,N27/03		
97320	6	33/02;14,25,46/03;6/04					
97340	8	33,38,52/02;16,17,18,22, 36,46,47/03					
97341	9	34/02;16,21,47/03					
97342	14	38/02;17,18,22,27,43/03					
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97380	7	39,47,52/02;1,2,8,16,23, 38,40,45/03					
97381	7	7,13,27,43,45/03					
97382	2	41,45/02;4,42/03					
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97385	10	52/02;5,6,7,9,46,47/03					
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97389	2	45*,47/03					
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97397	7	39,49/02;16,26,44,49/03					

SECTION II

NM 8/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.				Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date				
REGION 1								
12AHA12266 (7642014010324)	Choptank River and Herring Bay Inset: Cambridge (Inset not shown on index)	40,000 10,000	<u>28</u>	<u>10/03</u>	NOS	1-94	8/04	
12AHA12278 (7642014007632)	Approaches to Baltimore Harbor Continuation: Middle River (Continuation not shown on index)	40,000 40,000	<u>73</u>	<u>11/03</u>	NOS	1-95	8/04	
12AHA12353 (7642014010339)	Shinnecock Light to Fire Island Light (LORAN-C)	80,000	<u>18</u>	<u>11/03</u>	NOS	1-95	8/04	
12XHA12372 (7642014010391)	<u>Watch Hill to New Haven Harbor</u>	40,000	<u>32</u>	<u>10/03</u>	NOS	1-24,95	8/04	
14XHA14991 (7642014010720)	<u>Lac La Croix</u> Panel: <u>Irving Island</u> (Panel not shown on index)	42,240 42,240	<u>10</u>	<u>11/03</u>	NOS	1-40,96	8/04	
19BHA19359 (7642014011686)	<u>Kane'ohe Bay</u>	15,000	<u>11</u>	<u>10/03</u>	NOS	1-92,99	8/04	
19ACO19380 (7642014011664)	<u>O'ahu to Ni'ihaú</u>	247,482	<u>15</u>	<u>10/03</u>	NOS	1-92,99	8/04	

Price Categories effective 1 October 2002

A 17.75	E 9.00	G 4.50	I 26.25
D 10.75	F 9.00	H 2.50	R 2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.

NAVIGATION PUBLICATIONS

SAILING DIRECTIONS CORRECTIONS

PUB 172 9 Ed 2001 LAST NM 5/04

Page 170—Line 28/R; insert after:

Vessels not using the Vopac Enoc Terminal are requested to remain outside the restricted area surrounding the terminal.

(4(312)04 Taunton)

8/04

Page 211—Line 20/R; insert after:

Khawr al Batin (24°28'N., 54°18'E.), entered between breakwaters located about 6 miles SW of the entrance to Mina Zayed, eventually leads, via a channel with a reported (2004) depth of 5.5m, to Mossafah New Port (Mussafah New Port) (24°23'N., 54°30'E.) in the Mossafah Industrial Area (Mussafah Industrial Area). It has been reported (2004) that the facility, which has a 340m long main quay and two 40m long side quays, is now operational.

(PUBS 001-04; BA NP 63, Supp. 8/01;

US CH 62403) 8/04

Page 221—Lines 36/L to 3/R; read:

berthing, unberthing, or shifting berth, as follows:

1. Tankers—Lengths greater than 200m, beam greater than 40m, or draft greater than 8m.
2. Dry cargo vessel—Lengths greater than 200m, beam greater than 40m, or draft greater than 9m.

Pilotage for all vessels is provided by the Musay'id Port Operations Department. Vessels should send their ETA at Mishut Lighted Buoy (25°15.9'N., 51°46.7'E.) by cable, telex, or e-mail (E-mail address: importops@qp.com.qa) 72 hours in advance, with confirmations sent 48 hours, 24 hours, and 12 hours prior to arrival, stating the following information:

1. Arrival and departure drafts.
2. Quantity of cargo.
3. Maximum loading rate required.
4. Deballasting time.
5. Whether vessel is able to load and discharge ballast at the same time.
6. Any crew changes and/or medical treatment required.

The pilot boards about 1 mile NE of Umm Said Approach Lighted Buoy.

Regulations.—A Vessel Traffic Control Service (VTCS) operates in the approaches to the port. All vessels must obtain clearance from the VTCS before entering the channel. All vessels must keep a listening watch, even when alongside, on VHF channel 11.

All vessels bound for Umm Said are required to call Musay'id Traffic Control 6 hours before arrival at Mishut Lighted Buoy. Vessels are also required to report their status when within 5 miles of Mishut Lighted Buoy. In addition, a vessel should contact the VTCS when transiting inbound or outbound on passing the following:

1. Mishut Lighted Buoy.
2. Hul Lighted Buoy (Mesaieed West Channel).

3. Approach Lighted Buoy (Mesaieed East Channel).
4. Lighted Buoy E-04 (Mesaieed East Channel).
5. Lighted Buoy E-15 (Mesaieed East Channel).
6. SE Arif Lighted Buoy.
7. No. 1 Inner Lighted Buoy.
8. Turning Lighted Buoy.
9. Fairway Lighted Buoy (inbound only).

(BA NP 286(3); BA NM 4/04, Section VI)

8/04

Page 263—Line 40/L; read:

Caution.—It has been reported that the terminal is no longer in use. More recent reports (2004) state that two of the four berths may be reopened for use as early as April, 2004.

(PUBS 001-04)

8/04

COAST PILOT CORRECTIONS

**COAST PILOT 1 33 Ed 2003 Change No. 23
LAST NM 6/04**

Page 10—Paragraph 170, line 7; read:
operating 24 hours a day. (See Internet website: <http://www.weather.gov/>) Marine services are also provided ...
(Internet/04)

8/04

**COAST PILOT 4 35 Ed 2003 Change No. 22
LAST NM 7/04**

Page 153—Paragraph 2317, line 3; read:
U.S.C. 1226.

§165.765 Regulated Navigation Area; Port Everglades Harbor, Fort Lauderdale, Florida.

(a) **Location.** The following area in Port Everglades harbor is a regulated navigation area; all waters of Port Everglades harbor, from shore to shore, encompassed by a line commencing at the south mid-point tip of Harbor Heights approximately 26°05.67'N., 080°06.684'W.; thence south across Bar Cut to a point north of the Nova University Marina approximately 26°05.552'N., 80°06.682'W., thence southwesterly to a point near the center of Lake Mabel approximately 26°05.482'N., 080°06.793'W., thence northwesterly to a point near the Quick Flashing Red #12 approximately 26°05.666'N., 080°06.947'W., thence east to south mid-point tip of Harbor Heights (starting point) approximately 26°05.687'N., 080°06.684'W.

(b) **Regulations.** Vessels less than 150 meters entering and transiting through the regulated navigation area shall proceed at a slow speed. Nothing in this section alleviates vessels or operators from complying with all state and local laws in the area including manatee slow speed zones. Nor should anything in this section be construed as conflicting with the requirement to operate at safe speed under the Inland Navigation Rules, 33 U.S.C. 2001 *et seq.*

(c) **Definition.** As used in this section, *slow speed* means the speed at which a vessel proceeds when it is fully off plane, completely settled in the water and not creating excess-

COAST PILOT 4 (Continued)

sive wake. Due to the different speeds at which vessels of different sizes and configurations may travel while in compliance with this definition, no specific speed is assigned to slow speed. A vessel is not proceeding at slow speed if it is;

- (1) On a plane;
- (2) In the process of coming up on or coming off of plane; or
- (3) Creating an excessive wake.

(CL 1728/03; FR 11/12/03) 8/04

Page 291—Paragraph 251, lines 3 to 4; read:

Oriental. In 1987, the midchannel controlling depth to the basin was 6.5 feet; thence in 1977-1987, 8.5 feet in the basin. In ...

(BP 181964) 8/04

**COAST PILOT 5 31 Ed 2004 Change No. 6
LAST NM 7/04**

Page 10—Paragraph 171, line 7; read:

operating 24 hours a day. (See Internet website: <http://www.weather.gov/>). Marine services are also provided ...

(Internet/04) 8/04

Page 203—Paragraph 3621, line 4; read:

Naval Observatory.

Pelagic sargassum means the species *Sargassum natans* or *S. fluitans*, or a part thereof.

(CL 1616/03; FR 10/10/03) 8/04

Page 395—Paragraph 278, line 1; read:

Ship Island Light(30°12'45"N., 88°57'59"W.), 30 ...
(02/04 CG8) 8/04

Page 568—Paragraph 383, line 7; read:

have a clearance of 73 feet. In November 2003, replacement fixed bridges were under construction with a design clearance of 74 feet.

(CL 1814/03; 44/03 CG8) 8/04

**COAST PILOT 7 35 Ed 2003 Change No. 26
LAST NM 7/04**

Page 407—Paragraph 266 to Paragraph 267, line 6; read:

The entrance to Tillamook Bay is protected by jetties. The N jetty extends about 650 yards offshore. A dredged entrance channel crosses the bar and leads between the jetties, thence the channel continues through the N end of Tillamook Bay to a turning basin just W of Miami Cove. An access channel leads N from the turning basin to a mooring basin at the town of Garibaldi. In July 2002-June 2003, the controlling depths were 15 feet in the entrance and through the channel to Garibaldi Light 19, thence 9 feet along the N edge of the turning basin in the approach to the mooring basin; thence in 1999, depths of 1 to 3 feet were in the turning basin; thence in 1996-2000, a depth of 10 feet was available in the access channel to the mooring basin with depths of 6 to 9 feet in the basin. The project for the turning basin is inactive and has not been maintained for several years.

A lighted whistle buoy is 1.25 miles W of the seaward end

of the N jetty. The N jetty is marked by a light and fog signal. The entrance and channel to Garibaldi is marked by buoys, lights and a daybeacon. The area from the whistle buoy to the bay entrance frequently shoals which causes heavy breakers. Mariners are advised that ...

(BP 178568; BPs 181271-72;

CL 1222/03; LL/03; CEM-Portland/90) 8/04

COAST PILOT 7 35 Ed 2003 Change No. 27

Page 181—Paragraph 3050; insert after:

\$165.1317 Security and Safety Zone; Large Passenger Vessel Protection, Puget Sound and adjacent waters, Washington.

(a) *Notice of enforcement or suspension of enforcement.*

The large passenger vessel security and safety zone established by this section will be enforced only upon notice by the Captain of the Port Puget Sound. Captain of the Port Puget Sound will cause notice of the enforcement of the large passenger vessel security and safety zone to be made by all appropriate means to effect the widest publicity among the affected segments of the public including publication in the **Federal Register** as practicable, in accordance with 33 CFR 165.7(a). Such means of notification may also include but are not limited to, Broadcast Notice to Mariners or Local Notice to Mariners. The Captain of the Port Puget Sound will issue a Broadcast Notice to Mariners and Local Notice to Mariners notifying the public when enforcement of the large passenger vessel security and safety zone is suspended.

(b) *Definitions.* The following definitions apply to this section:

Federal Law Enforcement Officer means any employee or agent of the United States government who has the authority to carry firearms and make warrantless arrests and whose duties involve the enforcement of criminal laws of the United States.

Large Passenger Vessel means any cruise ship over 100 feet in length carrying passengers for hire, and any auto ferries and passenger ferries over 100 feet in length carrying passengers for hire such as the Washington State Ferries, M/V COHO and Alaskan Marine Highway Ferries. Large Passenger Vessel does not include vessels inspected and certificated under 46 CFR, Chapter I, Subchapter T such as excursion vessels, sight seeing vessels, dinner cruise vessels, and whale watching vessels.

Large Passenger Vessel Security and Safety Zone is a regulated area of water established by this section, surrounding large passenger vessels for a 500-yard radius to provide for the security and safety of these vessels.

Navigable waters of the United States means those waters defined as such in 33 CFR part 2.

Navigation Rules means the Navigation Rules, International-Inland.

Official Patrol means those persons designated by the Captain of the Port to monitor a large passenger vessel security and safety zone, permit entry into the zone, give legally enforceable orders to persons or vessels within the zone and take other actions authorized by the Captain of the Port. Persons authorized in paragraph (l) to enforce this section are designated as the Official Patrol.

COAST PILOT 7 (Continued)

Public vessel means vessels owned, chartered, or operated by the United States, or by a State or political subdivision thereof.

Washington Law Enforcement Officer means any General Authority Washington Peace Officer, Limited Authority Washington Peace Officer, or Specially Commissioned Washington Peace Officer as defined in Revised Code of Washington section 10.93.020.

(c) *Security and safety zone.* There is established a large passenger vessel security and safety zone extending for a 500-yard radius around all large passenger vessels located in the navigable waters of the United States in Puget Sound, WA, east of 123°30' West Longitude. [Datum: NAD 1983].

(d) *Compliance.* The large passenger vessel security and safety zone established by this section remains in effect around large passenger vessels at all times, whether the large passenger vessel is underway, anchored, or moored. Upon notice of enforcement by the Captain of the Port Puget Sound, the Coast Guard will enforce the large passenger vessel security and safety zone in accordance with rules set out in this section. Upon notice of suspension of enforcement by the Captain of the Port Puget Sound, all persons and vessels are authorized to enter, transit, and exit the large passenger vessel security and safety zone, consistent with the Navigation Rules.

(e) The Navigation Rules shall apply at all times within a large passenger vessel security and safety zone.

(f) When within a large passenger vessel security and safety zone all vessels must operate at the minimum speed necessary to maintain a safe course and must proceed as directed by the on-scene official patrol or large passenger vessel master. No vessel or person is allowed within 100 yards of a large passenger vessel that is underway or at anchor, unless authorized by the on-scene official patrol or large passenger vessel master. No vessel or person is allowed within 25 yards of a large passenger vessel that is moored.

(g) To request authorization to operate within 100 yards of a large passenger vessel that is underway or at anchor, contact the on-scene official patrol or large passenger vessel master on VHF-FM channel 16 or 13.

(h) When conditions permit, the on-scene official patrol or large passenger vessel master should:

(1) Permit vessels constrained by their navigational draft or restricted in their ability to maneuver to pass within 100 yards of a large passenger vessel in order to ensure a safe passage in accordance with the Navigation Rules; and

(2) Permit vessels that must transit via a navigable channel or waterway to pass within 100 yards of an anchored large passenger vessel or within 25 yards of a moored large passenger vessel with minimal delay consistent with security.

(i) When a large passenger vessel approaches within 100 yards of any vessel that is moored or anchored, the stationary vessel must stay moored or anchored while it remains within the large passenger vessel's security and safety zone unless it is either ordered by, or given permission by the Captain of the Port Puget Sound, his designated representative or the on-scene official patrol to do otherwise.

(j) *Exemption.* Public vessels as defined in paragraph (b)

of this section are exempt from complying with paragraphs (c), (d), (f), (g), (h), and (i), of this section.

(k) *Exception.* 33 CFR part 161 contains Vessel Traffic Service regulations. When measures or directions issued by Vessel Traffic Service Puget Sound pursuant to 33 CFR part 161 also apply, the regulations govern rather than the regulations in this section.

(l) *Enforcement.* Any Coast Guard commissioned, warrant or petty officer may enforce the rules in this section. In the navigable waters of the United States to which this section applies, when immediate action is required and representatives of the Coast Guard are not present or not present in sufficient force to provide effective enforcement of this section in the vicinity of a large passenger vessel, any Federal Law Enforcement Officer or Washington Law Enforcement Officer may enforce the rules contained in this section pursuant to 33 CFR 6.04-11. In addition, the Captain of the Port may be assisted by other federal, state or local agencies in enforcing this section.

(m) *Waiver.* The Captain of the Port Puget Sound may waive any of the requirements of this section for any vessel or class of vessels upon finding that a vessel or class of vessels, operational conditions or other circumstances are such that application of this section is unnecessary or impractical for the purpose of port security, safety or environmental safety.

(FR 1/14/04)

8/04

COAST PILOT 7 35 Ed 2003 Change No. 28

Page 218—Paragraphs 3864 to 3878; read:

§334.1220 Hood Canal, Bangor; naval restricted areas.

(a) Hood Canal, Bangor; Naval restricted areas—(1) Area No. 1. That area bounded by a line commencing on the east shore of Hood Canal at latitude 47°46'18"N, longitude 122°42'18"W; thence

latitude 47°46'32"N, longitude 122°42'20"W; thence to latitude 47°46'38"N, longitude 122°42'52"W; thence to latitude 47°44'15"N, longitude 122°44'50"W; thence to latitude 47°43'53"N, longitude 122°44'58"W; thence to latitude 47°43'17"N, longitude 122°44'49"W.

(2) Area No. 2. Waters of Hood Canal within a circle of 1,000 yards diameter centered on a point located at latitude 47°46'26"N, longitude 122°42'49"W.

(3) The regulations—(i) Area No. 1. No person or vessel shall enter this area without permission from the Commander, Naval Submarine Base Bangor, or his/her authorized representative.

(ii) Area No. 2. (A) The area will be used intermittently by the navy for magnetic silencing operations.

(B) Use of any equipment such as anchors, grapnels, etc., which may foul underwater installations within the restricted area, is prohibited at all times.

(C) Dumping of any nonbuoyant objects in this area is prohibited.

(D) Navigation will be permitted within that portion of this circular area not lying within Area No. 1 at all times except when magnetic silencing operations are in progress.

(E) When magnetic silencing operations are in

COAST PILOT 7 (Continued)

progress, use of the area will be indicated by display of quick flashing red beacons on the pier located in the southwest quadrant of the area.			
(4) Enforcement. The regulations in this subsection shall be enforced by the Commander, Naval Submarine Base Bangor, or his/her authorized representative.			
(FR 1/5/04; CL 23/04)	8/04		8/04
Page 244—Paragraph 52, line 4; read: and any other U.S. port, are subject to pilotage. Further information regarding pilotage requirements are detailed in the Pilotage section of the Port of San Diego Tariff , available through the ship's agent or directly from the Port District at (619) 686-6343.			
(CL 70/04)	8/04		
Page 244—Paragraph 54, lines 4 to 11; read: monitors VHF-FM channels 16 and 12, 1 hour prior to scheduled vessel arrivals; VHF-FM channel 12 is used as a working frequency. If contact with the pilot is needed prior to 1 hour in advance of arrival, information should be relayed via the ship's agent.			
The San Diego Bay Pilots have two pilot boats; a 65-foot white vessel with the word PILOT on the front of the fly bridge and a 38-foot white monohull with the word PILOT on the front of the wheelhouse. Both boats display the International Code flag 'H' while engaged in pilotage duties during daylight hours and white over red lights at night.			
Arrangements for pilots are made via ship's agent and boarding information via radio by calling "San Diego Pilots" on VHF-FM channel 12. Pilots request ...			
(CL 70/04)	8/04		
Page 245—Paragraph 55, lines 2 to 6; read: Approach Lighted Whistle Buoy SD (32°37'18"N., 117°14'48"W.) When approaching San Diego, vessels should pass to the S and E of the buoy leaving it on the port side when making the approach, unless otherwise directed by the pilot. When boarding, pilots request vessels maintain a speed of 7 knots and rig the pilot ladder 6 feet above the water on the lee side.			
(CL 70/04; LL/03)	8/04		
COAST PILOT 7 35 Ed 2003 Change No. 29			
Page 506—Paragraph 14, line 22; read: sound). To report an oil spill call 1-800-258-5990.			
The U.S. Coast Guard and the Puget Sound Harbor Safety Committee have developed and adopted a Harbor Safety Plan that formally establishes a set of Standards of Care for Puget Sound and surrounding waters. The standards and protocols contained in the Puget Sound Harbor Safety Plan complement and supplement existing federal, state, and local laws. The Harbor Safety Plan is not intended to take the place of or otherwise intended to replace the good judgement of a ship's master in the safe operation of his/her vessel. These standards and protocols were developed and adopted by local experts for insuring greater safety. Some sections of the plan provide important safety info for professional mariners transiting Puget Sound, while the Standards of Care formalize and document good marine practice. The Harbor Safety Plan can be obtained by going to the Seattle Marine Exchange website at www.marineexchangesea.com or contact (206) 443-3830.			
(CL 36/04)	8/04		8/04
Page 523—Paragraph 142; strike out. (CL 766/99)			8/04
Page 642—Paragraph 71, lines 8 to 10; read: meters). (CL 1774/03; NOS 81076)			8/04
Page 642—Paragraph 74, lines 3 to 5; read: March 1999-August 2003, the channel had a controlling depth of 31 feet to the basin, thence depths of 36 to 40 feet were available in the basin. (CL 1774/03; NOS 81076)			8/04
COAST PILOT 8 25 Ed 2003 Change No. 17 LAST NM 7/04			
Page 10—Paragraph 155, line 7; read: operating 24 hours a day. (See Internet website: http://www.weather.gov/) Marine services are also provided ... (Internet/04)			8/04
Page 160—Paragraph 62, lines 2 to 3; read: The outer cove has a fair anchorage in about 6 to 15 fathoms (11.0 to 27.5m), rocky bottom. The inner cove has an ... (NOS 17432)			8/04
COAST PILOT 9 21 Ed 2003 Change No. 16 LAST NM 51/03			
Page 10—Paragraph 170, line 7; read: operating 24 hours a day. (See Internet website: http://www.weather.gov/) Marine services are also provided ... (Internet/04)			8/04
Page 135—Paragraph 228, lines 7 to 9; read: extremity of the cape. Three pinnacle rocks, with least depths of 2.4 fathoms, 2.8 fathoms and 3.9 fathoms are S of the cape and located at: 59°44.7'N., 147°51.6'W., 59°44.4'N., 147°51.6'W., and 59°44.3'N., 147°51.8'W., respectively. The cape should be given a berth of at least 2.5... (CL 1569/03)			8/04
Page 135—Paragraph 229, line 3; read: and gravel bottom. Cape Cleare was subjected to extensive upheaval during the March 1964 earthquake. Shoaling and other scattered dangers exist in the area. Mariners should exercise extreme caution when navigating in depths under 10 fathoms or areas of uneven bottom. (CL 1569/03)			8/04

COAST PILOT 9 (Continued)

Page 173—Paragraph 661, lines 2 to 3; read:
low and wooded. The entire island is surrounded by reefs
and rocks extending to 0.1 mile along the south side and to
0.5 mile to the northwest. A kelp bed extends from...
(CL 1569/03) 8/04

Page 177—Paragraph 718, line 4; read:
the bay in 12 to 22 fathoms, sand and mud bottom of...
(CL 1569/03) 8/04

Page 181—Paragraph 775, lines 2 to 3; read:
Light, are a group of small islets and jagged rocks, the highest rising to about 70 feet. There are twelve principal islets,
with a...
(CL 1569/03) 8/04

Page 214—Paragraph 1182, lines 8 to 13; read:
September 2002-September 2003, the controlling depth in
the entrance channel was 17 feet (20 feet at midchannel) to
the beginning of the piers, thence 10 feet to the end of the
project.
(BPs 179234-35; BPs 181795-96) 8/04

Page 216—Paragraph 1200, lines 14 to 17; read:
The project depths in the entrance channel and basin are 8
feet and 2 feet above MLLW, respectively. The channel is
narrow and difficult ...
(CEM-Alaska/02; NOS 16661) 8/04

Page 473—Paragraph 618, lines 10 to 12; read:
above the mouth of Snake River. In June 2003, the controlling depth was 7.2 feet in the basin; thence 6.6 to 8 feet in the
basin with lesser ...
(BP 181401) 8/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
995	- Lighted Buoy 29	45 07 48 N 67 07 46 W	Fl G 2.5s			Green.	
		*					8/04
4580	Whitehead Light	43 58 43 N 69 07 27 W	Oc G 4s	75	6	Gray tower attached to red brick service room. 41	Lighted throughout 24 hours. Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).
		*					8/04
7675	Seventeen-Foot Shoal Lighted Buoy 3	43 39 27 N 70 13 42 W	Fl G 4s		4	Green.	
		*					8/04
	*Delete Heading and Note: *Hingham Bay						
	<i>*Aids maintained from May 1 to Oct. 15.</i>						
11765	- Channel Buoy 31					Green can.	Aids maintained from May 1 to Oct. 15.
							8/04
13565	- Lighted Bell Buoy 10	41 31 51 N 70 00 31 W	Fl R 4s		4	Red.	Replaced by nun when endangered by ice.
		*					8/04
22985	- LIGHT 58	41 29 50 N 72 31 23 W	Fl R 4s	28	3	TR on skeleton tower.	
		*			*		8/04
30165	- Lighted Buoy 11	40 44 08 N 72 52 32 W	Q G		3	Green.	Replaced by can from Nov. 1 to May 1.
		*					8/04
40045	- LIGHT 24	43 37 41 N 73 25 23 W	Fl R 4s	25	3	TR on skeleton tower on concrete base.	
		*					8/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4946	-Channel Buoy 1	38 24 28 N 75 04 25 W				Green can.	Private aid.
							8/04
*4946.01	-Channel Buoy 2					Red nun.	Private aid.
							8/04
*4946.02	-Channel Buoy 3					Green can.	Private aid.
							8/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*4946.03	-Channel Buoy 4				Red nun.		Private aid. 8/04
*4946.04	-Channel Buoy 5				Green can.		Private aid. 8/04
*4946.05	-Channel Buoy 6				Red nun.		Private aid. 8/04
*4946.06	-Channel Buoy 7				Green can.		Private aid. 8/04
*4946.07	-Channel Buoy 8				Red nun.		Private aid. 8/04
*4946.08	- Channel Buoy 9				Green can.		Private aid. 8/04
*4946.09	- Channel Buoy 10				Red nun.		Private aid. 8/04
Back River							
13075	- CHANNEL LIGHT 17		Fl G 2.5s	15	3	SG on multi-pile structure.	Light equipment removed when endangered by ice. * 8/04
13080	- CHANNEL LIGHT 18		Q R	15	3	TR on pile.	Light equipment removed when endangered by ice. * 8/04
13090	- CHANNEL LIGHT 21		Fl G 4s	15	3	SG on pile.	Light equipment removed when endangered by ice. * 8/04
13100	- CHANNEL LIGHT 25		Fl G 2.5s	15	3	SG on pile.	Light equipment removed when endangered by ice. * 8/04
13105	- CHANNEL LIGHT 27		Fl G 4s	15	3	SG on pile.	Light equipment removed when endangered by ice. * 8/04
13125	- NORTHWEST BRANCH LIGHT 3		Fl G 4s	15	3	SG on pile.	Light equipment removed when endangered by ice. * 8/04
31445 36990	- LIGHT 9		Fl G 4s	16	4	SG-TY on slatted pile structure.	*
							8/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
31650	- LIGHT 8AS	35 59 11 N 76 35 15 W	Fl R 4s	20	5	TR on multi-pile structure.	Higher intensity beam toward 089°. 8/04
		*					
36990 31445	- LIGHT 9		Fl G 4s	16	4	SG-TY on slatted pile structure.	*
							8/04
37210	- LIGHT 15		Fl G 4s	14	4	SG-SY on pile.	*
							8/04
37405	- LIGHT 44		Fl R 4s	15	3	TR-TY on pile.	*
				*			8/04
37440	- LIGHT 55		Fl G 4s	15	4	SG-SY on pile.	Light equipment removed from Dec. 1 to Mar. 15. 8/04
					*		
37555	- LIGHT 99		Q G	15	3	SG-SY on pile.	*
				*			8/04
37575	- LIGHT 105		Fl G 4s	15	4	SG-SY on pile.	Light equipment removed from Dec. 1 to Mar. 15. 8/04
				*			
37630	- LIGHT 121		Fl G 4s	19	4	SG-SY on pile.	Light equipment removed from Dec. 1 to Mar. 15. 8/04
				*			
37640	- LIGHT 123		Q G	17	3	SG-SY on pile.	Higher intensity beam up channel. 8/04
				*			

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1505.5 25680.5	CLEARWATER PASS CHANNEL LIGHT 2	27 58 07 N 82 50 19 W	Fl R 2.5s	16	3	TR on pile.	
		*					8/04
ST. SIMONS SOUND (Chart 11506)							
St. Simons Sound							
6030 515	St. Simons Lighted Whistle Buoy STS	31 02 49 N 81 14 25 W	Mo (A) W	6	Red and white stripes with red spherical topmark.		*
							8/04
6535	- Lighted Buoy 3		Fl G 2.5s	4	Green.		
				*			8/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6560	- Lighted Buoy 8		Fl R 6s		4	Red.	
			*				8/04
8195	UPPER PALATKA LIGHT 1	29 38 36 N 81 37 30 W	Fl G 4s		12	3 SG on pile.	
			*				8/04
8345	Seven Sisters Islands Daybeacon 33A					SG on pile.	
		*					8/04
8395	TURKEY ISLAND LIGHT 43	29 30 00 N 81 41 00 W	Fl G 4s		16	3 SG on dolphin.	
			*				8/04
8410	Stephens Point Shoal Daybeacon	29 29 22 N 81 41 03 W				NW on pile worded DANGER SHOAL.	
			*				8/04
Little Lake George							
8435	- LIGHT 53	29 27 46 N 81 41 10 W	Fl G 4s		16	4 SG on dolphin.	
		*					8/04
8510	MOUNT ROYAL LIGHT 63		Fl G 4s		16	3 SG on dolphin.	
			*				8/04
8520	- LIGHT 65		Fl G 4s		16	3 SG on dolphin.	
			*				8/04
10260 46715	LAKE WORTH SOUTH LIGHT 1	26 45 55 N 80 02 57 W	Q G		12	4 SG-SY on pile.	
		*					8/04
10965	Pacific Reef Daybeacon 3	25 22 25 N 80 09 35 W				SG on pile.	
		*					8/04
17480.01	- Gordon Pass North Obstruction Buoy	26 05 46 N 81 48 09 W				White can with open orange diamond worded DANGER SUBMERGED T- GROIN.	Private aid.
		*					8/04
17480.02	- Gordon Pass South Obstruction Buoy	26 05 41 N 81 48 09 W				White can with open orange diamond worded DANGER SUBMERGED T- GROIN.	Private aid.
		*					8/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17690	NAPLES SAILING CLUB WEST OBSTRUCTION LIGHT	26 08 18 N 81 47 24 W	Fl W 6s	8	NW on pile worded CAUTION MOORING AREA.	Private aid.	
	*						8/04
19968	- BOCA GRANDE DOCK LIGHT 2		Fl W 4s		Located on Northeast end of dock.	Private aid.	
					*		8/04
	*Delete Heading: *MacDill Channel						
23340	- LIGHT 1					Remove from list.	
					*		8/04
23345	- Range Front Daybeacon					Remove from list.	
					*		8/04
23350	- Range Rear Daybeacon 300 yards, 282° from front daybeacon.					Remove from list.	
					*		8/04
23355	- Daybeacon 2					Remove from list.	
					*		8/04
23360	- Daybeacon 3					Remove from list.	
					*		8/04
23365	- Daybeacon 4					Remove from list.	
					*		8/04
	*Add Heading: *MacDill Channel						
23370	- Daybeacon 5				SG on pile.		
							8/04
	Bahia Del Sol						
24530	- Daybeacon 2	27 43 48 N 82 29 12 W			TR on pile.	Private aid.	
		*					8/04
	BAHIA DE PONCE AND APPROACHES (Chart 25683)						
31925	Isla Caja De Muertos Light	17 53 35 N 66 31 16 W	Fl W 30s	297	10	Gray cylindrical tower on center of flat-roofed dwelling.	
		*					8/04
32225	- Buoy 6		Fl R 6s	3	Red.		
		*					8/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
32250	- Buoy 11						<i>Remove from list.</i>
							*
							8/04
32255	- Buoy 12						<i>Remove from list.</i>
							*
							8/04
37165	- LIGHT 239A		Fl G 2.5s	18	3	SG-SY on dolphin.	
			*				
							8/04
38353	- Daybeacon 3					SG-SY on pile.	
						*	
							8/04
39545	- LIGHT 82	29 42 45 N 81 14 39 W	Fl R 4s	12	3	TR-TY on pile.	
		*					
							8/04
Lake Worth Inlet - Hillsboro Inlet							
Lake Worth South							
46715 10260	- LIGHT 1	26 45 55 N 80 02 57 W	Q G	12	4	SG-SY on pile.	
		*					
							8/04
49730	- Featherbed Bank Shoal Light South	25 30 07 N 80 13 15 W	Fl W 4s	14	5	NB on pile.	
		*					
							8/04
56055	- Daybeacon 5					<i>Remove from list.</i>	
						*	
							8/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Heading: *Mexico Beach Channel							
3150	- Lighted Buoy 1						<i>Remove from list.</i>
							*
							8/04
3155	- Lighted Buoy 2						<i>Remove from list.</i>
							*
							8/04
3160	- Lighted Buoy 3						<i>Remove from list.</i>
							*
							8/04
3165	- Lighted Buoy 4						<i>Remove from list.</i>
							*
							8/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4045	FORT McREE LEADING LIGHT						Remove from list. *

8/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Kauai Island							
29850	Makahuna Point Light	21 52 06 N 159 26 36 W	Fl W 2.5s	80	8 NB on post. 20		Obscured from 110° to 237.5°. *

8/04

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14928	-Isla de Aves (V). <i>J 5700</i>						Remove from list.
						*	* 8/04
*15161	-Prickly Point. <i>J 5830.3</i>	11° 59.3' N 61° 45.6' W	F.R. FI.W. period 3s fl. 1s, ec. 2s			Structure.	Private light.
							8/04
15392	-Range, front. <i>J 4286</i>	19° 12.0' N 96° 07.5' W	FI.W. period 3s fl. 1s, ec. 2s	79 24	2	White concrete tower; 79.	
				*	*	*	* 8/04
15392.1	--Rear, 1050 meters 263°14' from front. <i>J 4286.1</i>	19° 11.9' N 96° 08.2' W	Iso.W. period 2s	98 30	2	Pedestal on hotel.	
				*	*		* 8/04
*16851	Isla Aves. <i>J 5700</i>	15° 40.5' N 63° 38.0' W	FI.W. period 5s fl. 1s, ec. 4s	62 19	11	Metal structure.	
	-RACON	A(-)			14		
							8/04
CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7017	--General cargo berth, E. end. <i>K 3545.4</i>						Remove from list.
						*	* 8/04
CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*3984.2	--Tacon Ro Ro, NE. <i>D 2372.1</i>	36° 32.0' N 6° 17.2' W	Q.(3)R. period 4s	16 5	2	Black post; 7.	
							8/04
*3984.4	--SW. <i>D 2372.15</i>	36° 32.0' N 6° 17.2' W	Q(4)R. period 5s	16 5	2	Black post; 7.	
							8/04
*4594.4	--SE. corner. <i>E 0131.3</i>	37° 35.7' N 0° 58.8' W	FI.(3)R. period 9s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	16 5	1	Red post.	
							8/04
17500	-Large breakwater, head. <i>E 4956.2</i>	41° 13.7' N 29° 06.9' E	FI.G. period 3s	33 10	7	Concrete tower; 22.	
				*	*	*	* 8/04

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SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8732 <i>C 6794.5</i>	Kolhansen.	58° 41.4' N 17° 10.5' E	Fl.(3)W.R.G. period 9s	20 6	W. 7 R. 5 G. 4	White tower; 22. Floodlit.	G. 130°-140°, W.-144°, R.-248°, G.-277°, W.-281°30', R.-300°, G.-320°30', W.-322°, R.-337°.
	*				*	*	8/04
8988 <i>C 6678.6</i>	Brandalssund.	59° 06.0' N 17° 40.7' E	Fl.W.R.G. period 3s	13 4	W. 8 R. 6 G. 5	White hut, red band. Floodlit.	G. shore-243°, W.-251°42', R.- 344°42', G.-022°36', W.- 043°54', R.-105°24'.
	*				*	*	8/04
9912 <i>C 7188</i>	Ostergarnsholme.	57° 26.5' N 18° 59.2' E	L.Fl.(2)W.R. period 15s fl. 2.5s, ec. 2.5s fl. 2.5s, ec. 7.5s	119 36	W. 10 R. 8	White round concrete tower, black band; 95.	W. 131°-222°, R.-272°, W.-081°.
	*	*		*	*	*	8/04
10300 <i>C 6226</i>	Bjorn.	60° 38.3' N 17° 59.1' E	L.Fl.W.R.G. period 10s fl. 2s, ec. 8s	77 23	W. 10 R. 7 G. 6	White tower, black band; 82.	G. 060°-082°, W.-128°, R.-136°, W.-311°, R.-329°, W.-345°, W. (unintensified)-015°, W.-060°.
	*				*	*	8/04

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SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 8/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG CATP2V01U								
Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26,27, 28,29,30,31,32,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,50,51,52/03;1,2, 3,5,6,8/04	SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25,27,28, 29,30,32,35,36,37, 39,44,48/03	SDPUB195	2002	33*,40,49,51,52/02; 1,2,3,15,16,21,32, 33,41,43,46,49/03; 1/04
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26,28,30,32, 33,34,44,48,52/03;2, 3,5,7/04	SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26,27,28, 30,32,41/03	SDPUB200	2002	38*,39,42/02;22,27, 34,41,51,52/03
Region 3	2002	1/03*	SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25,26, 31,32,34,37,42, 43/03	USCG LIGHT LIST VOLUMES I - VII		
Region 4	2002	1*,23,43/03	SDPUB141	2001	21*,38/01	COMDTM165021	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 36,37,38,39,40,41, 42,43,44,45,48,50, 52/03;3,4,6,7,8/04
Region 5	2002	1*,3,5,8,22,27,30, 33,38,48/03;1/04	SDPUB142	2000	49/00*,3,31,35/01; 1,15,43/02	COMDTM165022	2003	17*,18,19,20,21,22, 23,24,25,26,27,28, 29,30,31,32,33,34, 35,36,37,38,39,40, 41,42,43,44,45,46, 47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8/04
Region 6	2002	1*,10,11,13,16,19, 20,21,25,28,30,33, 38,50/03	SDPUB147	2001	35/01*;21,22,23, 24/02;39,40,41,46, 50/03	COMDTM165023	2003	17*,18,19,20,21,22, 24,25,26,28,29,31, 32,33,34,35,36,37, 38,39,41,43,44,45, 46,47,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8/04
Region 7	2002	1*,11,15,28/03	SDPUB148	2001	48/01*;23,24/02;22, 42,43,45,48,50, 52/03;5/04	COMDTM165024	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8/04
Region 8	2002	1*,14,37,41,46, 52/03	SDPUB153	2000	6/01*;28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25,32, 35,37,38,39,40, 43/03	COMDTM165025	2002	16/02*
Region 9	2002	1*,34,40,43,45,48, 50,51,52/03;1,7/04	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23,30,41,42,47/03	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26,27,28,29, 30,31,32,33,34,35, 36,37,38,39,40,41, 42,43,44,45,46,47, 48,49,50,51,52/03;1, 2,3,4,6,7,8/04
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25,27,28, 29,30,31,32,33,34, 36,37,38,39,41,42, 43,45,46,47,48,49, 51,52/03;1,4,5,6, 7/04	SDPUB155	2001	31*,48/01;10,45, 46/02	SDPUB159	2002	42*,48/02
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24,25,26,27,28,29, 31,32,33,34,36,37, 38,39,41,42,43,44, 47,49,50,52/03;1,2, 3,5,6,7,8/04	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22,23, 30,33,36,39,41,43, 48,49,51/03;1,2,5, 6/04	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03
LLPUB111	2003	33*,34,35,36,37,38, 39,40,41,43,45,47, 49,50,51,52/03;1,2, 3,4,7,8/04	SDPUB162	2001	51/01*;5,12/03	SDPUB162	2001	18*,20,21,22,23,24, 25,26,27,28,29,31, 32,33,34,35,36,37,38, 39,40,41,43,44,45, 48,49,50,51,52/03;1, 2,3,4,6,7,8/04
LLPUB112	2004	7/04*	SDPUB163	2002	18*,21,22,23,24, 51/02;13,24,26,27, 28,29,30,31,39,40, 41,43,47,48/03	SDPUB164	2000	30/00*,31,35,36/01; 8,28/03
LLPUB113	2003	46*,48,49,50,51, 52/03;1,2,3,4,5,6,7, 8/04	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26,41/03	SDPUB171	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26,27,28,29,31, 32,33,34,35,37,38, 39,40,43,44,45,46, 47,48,51/03;1,2,3,4, 5,8/04
LLPUB114	2003	17*,19,21,22,23,24, 27,31,32,40,43,44, 46/03	SDPUB172	2001	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03	SDPUB173	2002	50*,51/02;3,22,24, 25,26,27,32,33,34, 37,38,49,50,51/03
LLPUB115	2003	42*,44,46,47,48,49, 51,52/03;1,3,5,7/04	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02;	SDPUB174	2000	29/03*
LLPUB116	2003	24*,26,27,28,29,30, 31,32,33,34,35,36, 37,38,39,40,41,42, 43,44,45,47,48,49, 50,51/03;1,2,3,5,6,7, 8/04	SDPUB175	2001	30,39,40,41,43/03; 6/04	SDPUB175	2001	29/03*
SAILING DIRECTIONS			SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02;	SDPUB175	2002	29/03*
CDPUBSD125	2003	19*,43,49,51,52/03	SDPUB176	2002	26,27,29,32,37,38, 43,47/03	SDPUB176	2002	29/03*
CDPUBSD127	2003	39/03*	SDPUB177	2001	32*,33,42,47,48, 50/02;6,13,14,17,21,	SDPUB177	2002	29/03*
CDPUBSD131	2002	9/03*	SDPUB178	2002	24,42,44,47,48,49, 51/03	SDPUB178	2002	29/03*
CDPUBSD132	2003	6/04*	SDPUB179	2002	38*,39/02	SDPUB179	2002	29/03*
CDPUBSD143	2003	46/03*	SDPUB180	2001	8*,10,12,41/02;	SDPUB180	2002	29/03*
CDPUBSD145	2003	51/03*	SDPUB181	2002	17/03	SDPUB181	2002	29/03*
CDPUBSD146	2002	4/03*	SDPUB182	2001	27/01*;13,15,16/02;	SDPUB182	2002	29/03*
CDPUBSD157	2003	17/03*	SDPUB183	2001	18/03	SDPUB183	2002	29/03*
CDPUBSD158	2003	24/03*	SDPUB184	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04	SDPUB184	2000	29/03*
CDPUBSD191	2003	52/03*	SDPUB185	2001	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04	SDPUB185	2001	29/03*
CDPUBSD192	2003	32*,36,38,39,40,41, 42,43/03	SDPUB186	2001	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04	SDPUB186	2001	29/03*
CDPUBSD194	2002	6*,8,15,17,30,33,35, 37,38,39,40/03	SDPUB187	2001	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04	SDPUB187	2001	29/03*
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23,29,30,31,41, 42,44,45,47,48,49,49, 50,51/03;5/04	SDPUB188	2001	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04	SDPUB188	2001	29/03*
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24,25, 27,28,32,38,42/03	SDPUB189	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23,29/03;6/04	SDPUB189	2000	29/03*
FLEET GUIDES								
FGPUB940ATL								
FGPUB941PAC								
NOS MISCELLANEOUS PUBLICATIONS								
NOSPBCATALOG1								
NOSPBCATALOG2								
NOSPBCATALOG3								
NOSPBCATALOG4								
ALMANACS								
AIRALMANAC401								
NAUTALMANAC04								
COAST PILOT								
NOSPBCP1								
NOSPBCP2								
NOSPBCP3								
NOSPBCP4								
NOSPBCP5								
NOSPBCP6								
NOSPBCP7								
NOSPBCP8								
NOSPBCP9								

SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 8/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.		
RADIO NAVIGATIONAL AIDS RAPUB117	2002	50/02*;13/03		
AMERICAN PRACTICAL NAVIGATOR NVPUB9	2002	36/02*;14,38/03		
INTERNATIONAL CODE OF SIGNALS CDPUBNV102	2003	20/03*		
WORLD PORT INDEX NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03		
DISTANCES BETWEEN PORTS NVPUB151	2001	4/02*		
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL CDPUBNV1310	2001	51/01*		
SIGHT REDUCTION TABLES (MARINE) SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
SIGHT REDUCTION TABLES (AIR) SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
CHART NO. 1 WOBZC1	1997	18/98*		
CHART NO. 4 WOBZC4	1988	N23/91*		
ATLAS OF PILOT CHARTS NVPUB106	2002	42/03*		
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
USCG NAVIGATION RULES COMDTM166722D	1999	44/99*;52/00		
NOS TIDE TABLES NOSPBTTCWPACIN4	2004	N1/04*		
NOSPBTTECSTNSA4	2004	N1/04*		
NOSPBTTEURAFR4	2004	N1/04*		
NOSPBTWCSTNSA4	2004	N1/04*		
TIDAL CURRENT TABLES NOSPBTCTATCSTN4	2004	N1/04*		
NOSPBTCTPACAS4	2004	N1/04*		

SECTION III

NM 8/04

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 051200Z February 2004:

2003 series 108(26,27)	387(GEN) 2004 series	4(GEN) 31(25)	32(GEN) 33(11,26)	35(GEN)
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The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA IV WARNINGS issued from 291200Z January to 051200Z February 2004.

31/04(25). NORTH ATLANTIC.

1. TEN TO 15 METER LONG STRUCTURE ADRIFT
VICINITY 21-42N 056-46W.
2. CANCEL THIS MSG 06 FEB.

(300139Z JAN 2004)

32/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 301000Z JAN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 4(GEN), 20(11,26), 29(11), 31(25).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL NAVAREA IV 23/04, 26/04.

(301010Z JAN 2004)

33/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0500Z TO 0459Z COMMENCING DAILY
02 THRU 08 FEB IN AREA BOUND BY
30-45N 080-32W, 30-45N 079-40W,
30-38N 079-40W, 30-34N 080-32W.
 - B. 0500Z TO 0459Z COMMENCING DAILY
02 THRU 08 FEB IN AREA BETWEEN
29-10N 29-20N AND 079-40W 079-50W.
 - C. 1300Z TO 0459Z COMMENCING DAILY
03 THRU 05 FEB AND 0500Z TO 0700Z
DAILY 04 THRU 06 FEB DAILY IN AREA
BETWEEN 30-00N 29-50N AND 081-00W 080-50W.
 - D. 032000Z TO 032300Z FEB IN AREA BOUND BY
30-35N 080-21W, 30-35N 081-00W,
30-00N 081-15W, 30-00N 081-02W.
 - E. 031230Z TO 031800Z FEB IN AREA BETWEEN
29-30N 29-20N AND 080-20W 080-00W.
2. CANCEL THIS MSG 090559Z FEB.

(302201Z JAN 2004)

34/04. CANCELED.

35/04(GEN). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 052256Z TO 060053Z FEB, ALTERNATE 062256Z TO 070058Z FEB IN AREAS BOUND BY:
 - A. 28-32N 080-35W, 28-32N 080-26W,
28-22N 079-57W, 28-20N 079-58W,
28-24N 080-30W, 28-27N 080-36W.
 - B. 28-33N 080-27W, 28-32N 080-20W,
28-21N 080-22W, 28-22N 080-29W.
 - C. 28-28N 079-23W, 28-11N 078-06W,
27-48N 078-12W, 28-04N 079-30W.
 - D. 27-19N 072-54W, 25-47N 068-34W,
25-03N 068-53W, 26-11N 073-15W.
 - E. 25-15N 064-54W, 24-14N 061-18W,
22-50N 061-44W, 23-48N 065-20W.
2. CANCEL THIS MSG 070158Z FEB.

(021150Z FEB 2004)

SECTION III

NM 8/04

HYDROLANTS

Messages in force 051200Z February 2004:

2000 series	604(26,27)	2203(53)	2407(54)	106(37)	176(53)
2937(38)	738(35)	2225(52,53)	2408(54)	107(57)	177(52)
3762(43)	1117(37)	2235(37)	2409(54)	111(57)	179(23,24)
4265(44)	1242(24)	2266(37)	2410(54)	113(56)	190(37,51)
2001 series	1291(37)	2271(37)	2413(54)	124(53)	191(53)
611(44)	1374(52,53)	2297(24)	2414(54)	128(24)	197(24)
2700(37)	1422(53)	2319(53)	2416(54)	141(37)	198(24)
3161(44)	1472(35)	2340(52,53)	2418(52)	143(37)	200(53,54,56)
2002 series	1620(53,56)	2354(24)	2419(54)	158(37)	202(35)
245(GEN)	1731(35)	2374(35)	2420(54)	159(24,57)	203(36)
246(GEN)	1834(22)	2379(54)	2004 series	163(56)	204(35)
2682(51)	1944(53)	2380(37)	17(53)	164(53)	206(56)
2848(37)	1995(53)	2383(53)	29(37)	169(51,52)	208(24)
2003 series	1999(23)	2384(23,24)	36(51,52)	170(23)	209(24)
41(37)	2031(55)	2385(38)	47(54)	172(53)	210(24)
67(37)	2058(24)	2399(24)	59(35,37)	173(GEN)	211(54)
544(55)	2175(24)	2406(54)	91(53)	175(53)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROLANT WARNINGS issued from 291200Z January to 051200Z February 2004.

171/04. CANCELED.

172/04(53). SICILIA-SOUTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY 02 THRU 06,
09 THRU 13, 16, 17, 20 AND 23 THRU 27 FEB
WITHIN 1.5 MILES OF 36-39-19N 015-00-53E.
2. CANCEL THIS MSG 28 FEB.

(300009Z JAN 2004)

173/04(GEN).

1. HYDROLANT MESSAGES IN FORCE 301200Z JAN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2003 SERIES: 2354(24), 2374(35), 2379(54), 2380(37),
2383(53), 2384(23,24), 2385(38), 2399(24), 2406(54),
2407(54), 2408(54), 2409(54), 2410(54), 2413(54), 2414(54),
2416(54), 2418(52), 2419(54), 2420(54).

2004 SERIES: 3(53), 17(53), 19(53), 29(37), 36(51,52),
40(53), 41(56), 47(54), 59(35,37), 90(53), 91(53), 106(37),
107(57), 111(57), 113(56), 124(53), 128(24), 141(37),
143(37), 152(57), 156(36), 158(37), 159(24,57), 160(23,29),
161(24), 162(24), 163(56), 164(53), 165(53,54), 167(24),
168(24), 169(51,52), 170(23).

2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL HYDROLANT 2144/03, 2230/03, 126/04, 140/04, 154/04.

(301210Z JAN 2004)

174/04. CANCELED.

175/04(53). SARDEGNA-SOUTH COAST.

1. CABLE OPERATIONS 31 JAN THRU 10 FEB
BY M/V TELIRI VICINITY OF TRACKLINE
BETWEEN 38-57.7N 009-12.3E AND
38-53.1N 009-21.2E. 1500 METER BERTH
REQUESTED.
2. CANCEL THIS MSG 11 FEB.

(301620Z JAN 2004)

SECTION III

176/04(53). SARDEGNA-SOUTHWEST COAST. GUNNERY.

1. GUNNERY EXERCISES:

- A. 0800Z TO 1700Z DAILY 02 THRU 06, 09 THRU 13,
16 THRU 20 AND 23 THRU 27 FEB IN AREA BOUND BY
38-55-10N 008-42-30E, 38-50-00N 008-48-00E,
38-46-15N 008-48-00E, 38-43-30N 008-41-15E,
38-49-00N 008-26-00E, 38-56-10N 008-26-40E,
38-57-00N 008-37-06E.
- B. 2301Z TO 2259Z DAILY 23 THRU 28 FEB IN AREA BOUND BY
38-57-30N 008-35-30E, 39-00-00N 008-32-00E,
39-00-00N 008-29-00E, 38-56-10N 008-26-40E,
38-40-00N 008-24-30E, 38-40-00N 008-50-00E,
38-50-00N 008-50-00E, 38-55-10N 008-42-30E.
- 2. CANCEL THIS MSG 282359Z FEB.

(301645Z JAN 2004)

177/04(52). SICILIA-NORTHWEST COAST.

CHART 52180 (14TH ED.).

PUNTA SOTTILE LIGHT 37-56.0N 012-16.4E UNLIT.

(301720Z JAN 2004)

178/04. CANCELED.

179/04(23,24). BRAZIL-SOUTH COAST.

- 1. OCEANOGRAPHIC OPERATIONS 01 THRU 20 FEB
BY M/V ANTARES IN AREA BOUND BY
23-00S 043-10W, 23-50S 040-00W,
40-00S 054-00W, 39-40S 058-40W.
THREE MILE BERTH REQUESTED.
- 2. CANCEL THIS MSG 21 FEB.

(302109Z JAN 2004)

180/04 thru 189/04. CANCELED.

190/04(37,51). NORTH ATLANTIC.

- 1. FOUR CONTAINERS ADRIFT VICINITY OF TRACKLINE BETWEEN
47-16N 007-04W AND 41-58N 009-56W.
- 2. CANCEL THIS MSG 09 FEB.

(021020Z FEB 2004)

191/04(53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS:

- A. 0700Z TO 1900Z DAILY 02 THRU 06, 09 THRU 13,
16 THRU 20 AND 23 THRU 27 FEB
IN AREA BOUND BY
40-00N 010-00E, 40-00N 010-30E,
39-10N 010-30E, 39-10N 010-00E,
39-26N 009-38E, 39-38N 009-38E.
- B. 0800Z TO 1630Z DAILY 03 THRU 05, 10 THRU 12,
17 THRU 19 AND 24 THRU 26 FEB
IN AREA BOUND BY
40-15N 010-00E, 40-15N 011-31E,
40-11N 011-33E, 39-32N 011-38E,
38-52N 011-28E, 39-10N 010-00E,
39-28N 009-38E, 39-43N 009-40E.
- C. 0800Z TO 1630Z DAILY 03 THRU 05, 10 THRU 12,
17 THRU 19 AND 24 THRU 26 FEB
IN AREA BOUND BY
40-37N 009-50E, 40-40N 010-35E,
40-40N 010-50E, 39-20N 010-50E,
39-20N 009-47E, 39-24N 009-40E.
- D. 0800Z TO 1630Z DAILY 23 THRU 27 FEB
IN AREA BOUND BY 40-37N 009-54E,
40-42N 011-17E, 40-11N 011-33E,
39-46N 011-36E, 39-02N 010-17E,
39-04N 010-08E, 39-26N 009-38E.
- 2. CANCEL HYDROLANT 41/04(56) AND 156/04(36).
- 3. CANCEL THIS MSG 272000Z FEB.

(021140Z FEB 2004)

192/04 thru 196/04. CANCELED.

SECTION III

NM 8/04

197/04(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 060159Z FEB
BY M/V POLAR PRINCESS TOWING 6000 METER LONG
CABLE IN AREA BOUND BY 25-56S 044-00W,
25-56S 043-02W, 26-21S 043-02W,
26-40S 043-37W, 26-21S 044-00W.
FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 060259Z FEB.

(030202Z FEB 2004)

198/04(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 060159Z FEB
BY M/V CGG HARMATTAN TOWING SIX 6000 METER
LONG CABLES IN AREA BOUND BY
25-30S 045-21W, 25-40S 045-52W,
25-45S 045-51W, 25-35S 045-09W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 060259Z FEB.

(030214Z FEB 2004)

199/04. CANCELED.

200/04(53,54,56). EASTERN MEDITERRANEAN SEA.

IONIAN SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 060900Z TO 061200Z FEB WITHIN
50 MILES OF 34-10N 026-10E.
 - B. 070900Z TO 071200Z FEB WITHIN
50 MILES OF 37-00N 018-00E.
2. CANCEL THIS MSG 071300Z FEB.

(031140Z FEB 2004)

201/04. CANCELED.

202/04(35). SCOTLAND-EAST COAST.

CHART 35099 (3RD ED).

ABERDEEN FAIRWAY BUOY 57-09N 002-02W UNLIT.

(031911Z FEB 2004)

203/04(36). IRELAND-NORTHEAST COAST.

CHART 36060 (17TH ED).

SCULLMARTIN BUOY 54-32N 005-25W UNLIT.

(040107Z FEB 2004)

204/04(35). ENGLAND-NORTHEAST COAST.

CHART 35060 (14TH ED).

1. COQUET ISLAND LIGHT 55-20N 001-32W UNRELIABLE
041200Z TO 041700Z AND 050800Z TO 051600Z FEB.
2. CANCEL THIS MSG 051700Z FEB.

(041120Z FEB 2004)

205/04. CANCELED.

206/04(56). EASTERN MEDITERRANEAN SEA. EGYPT.

1. GEOPHYSICAL SURVEY IN PROGRESS UNTIL 15 FEB
BY M/V FLYING ENTERPRISE IN AREA BOUND BY
31-05.0N 032-41.2E, 31-10.0N 032-42.2E,
31-15.0N 032-42.9E, 31-20.0N 032-43.8E,
31-25.0N 032-44.5E, 31-30.0N 032-45.6E,
31-35.0N 032-46.2E, 31-37.0N 032-45.8E.
2. CANCEL HYDROLANT 174/04(53).
3. CANCEL THIS MSG 16 FEB.

(041220Z FEB 2004)

207/04. CANCELED.

208/04(24). SOUTH ATLANTIC.

DISTRESS SIGNAL RECEIVED VICINITY 28-30S 036-54W.
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
ANY COASTAL RADIO STATION.

(050321Z FEB 2004)

SECTION III

209/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 07 FEB BY
M/V VERITAS VIKING TOWING EIGHT 6000 METER
LONG CABLES IN AREA BETWEEN
15-42S 15-08S AND 038-48W 037-47W.
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 189/04.
3. CANCEL THIS MSG 08 FEB.

(050840Z FEB 2004)

210/04(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 07 FEB
BY M/V BULLDOG TOWING TWO 15 METER LONG
CABLES IN AREA BOUND BY
13-31.75S 038-49.90W, 13-32.75S 038-50.39W,
13-35.17S 038-45.01W, 13-34.25S 038-44.62W.
ONE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 08 FEB.

(050850Z FEB 2004)

211/04(54). AEGEAN SEA.

1. CABLE OPERATIONS IN PROGRESS UNTIL 10 FEB
BY CABLESHIP TENEZO IN AREA BETWEEN
35-57N 36-03N AND 024-04E 024-05E.
2. CANCEL HYDROLANT 40/04(53), AID RESTORED.
3. CANCEL HYDROLANT 178/04(37), AID RESTORED.
4. CANCEL THIS MSG 11 FEB.

(051040Z FEB 2004)

SECTION III**NAVAREA XII**

Messages in force 051200Z February 2004:

2003 series	2004 series	38(19)	46(GEN)
262(GEN)	10(GEN)	42(GEN)	47(18)

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA XII WARNINGS issued from 291200Z January to 051200Z February 2004.

42/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 301000Z JAN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 10(GEN), 38(19), 41(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02.
WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL NAVAREA XII 32/04.

(301020Z JAN 2004)

43/04 thru 45/04. CANCELED.

46/04(GEN). NORTH PACIFIC. RADIO SERVICES.

1. U.S. COAST GUARD STATIONS POINT REYES, HONOLULU AND GUAM SITOR OFF AIR 051600Z TO 070001Z FEB.
2. CANCEL THIS MSG 070101Z FEB.

(041040Z FEB 2004)

47/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 41/04.

(051010Z FEB 2004)

SECTION III

HYDROPACS

Messages in force 051200Z February 2004:

2001 series	760(63)	1699(63)	2241(61)	87(81)	185(95)
1976(62)	761(63)	1700(62)	2244(61)	95(71)	186(95)
2002 series	801(72)	1734(74)	2260(74,75,76)	96(63)	187(95)
205(GEN)	895(62)	1736(63)	2265(62)	105(63)	189(63)
206(GEN)	960(63)	1745(96)	2275(22)	116(74,75)	191(GEN)
403(72,73)	993(62)	1785(96)	2004 series	121(63)	193(63)
2199(63)	998(71)	1892(73)	20(97)	123(95,96)	196(63)
2330(62)	1041(71)	1893(73)	23(62)	153(63)	200(74)
2339(63)	1198(92)	1911(62)	28(95)	154(81)	205(76)
2003 series	1213(73)	1982(GEN)	37(22)	158(29)	210(74)
167(95)	1248(63)	1998(61)	41(61)	166(71,72)	211(94,97)
197(71)	1266(73)	2004(73,74)	60(94)	167(63)	212(94,97)
207(62)	1330(62)	2106(73)	61(94)	168(63)	213(94)
445(96)	1395(62)	2111(63)	65(63)	169(63)	214(62)
495(62)	1398(74)	2159(63)	73(61)	180(61)	217(19,97)
496(62)	1485(22)	2223(94)	74(83)	181(94,95)	220(74)
506(62)	1652(63)	2227(82)	75(62,63)	182(95)	221(74)
515(73)	1653(63)	2233(82)	84(62)	183(95)	222(63)
638(62)	1655(29)	2239(83)	86(95)	184(71)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROPAC WARNINGS issued from 291200Z January to 051200Z February 2004.

184/04(71). STRAIT OF MALACCA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21
AND 23 THRU 28 FEB IN
AREA BOUND BY 04-14N 100-17E,
04-33N 099-48E, 04-53N 100-06E.
2. CANCEL THIS MSG 281701Z FEB.

(291415Z JAN 2004)

185/04(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z
DAILY 02 THRU 07, 09 THRU 14,
16 THRU 21 AND 23 THRU 28 FEB
IN AREA BOUND BY
38-08N 129-51E, 38-08N 130-10E,
37-39N 130-10E, 37-42N 129-51E.
2. CANCEL THIS MSG 281400Z FEB.

(291425Z JAN 2004)

186/04(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21
AND 23 THRU 28 FEB IN AREA BETWEEN
35-35N 36-00N AND 125-00E 125-30E.
2. CANCEL THIS MSG 281400Z FEB.

(291445Z JAN 2004)

187/04(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY
02 THRU 07, 09 THRU 14, 16 THRU 21 AND
23 THRU 28 FEB IN AREA BOUND BY
38-25N 128-45E, 38-25N 129-30E,
38-10N 129-30E, 38-10N 129-00E,
38-17N 129-00E, 38-17N 128-45E.
2. CANCEL THIS MSG 281400Z FEB.

(291450Z JAN 2004)

188/04. CANCELED.

189/04(63). ARABIAN SEA.

DISTRESS SIGNAL RECEIVED IN 12-21N 060-12E.
VESSELS IN VICINITY REQUESTED TO KEEP
A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(300301Z JAN 2004)

190/04. CANCELED.

SECTION III

191/04(GEN).

1. HYDROPAC MESSAGES IN FORCE 301200Z JAN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2003 SERIES: 2200(63), 2203(63), 2223(94), 2224(63), 2227(82), 2233(82), 2237(71), 2239(83), 2241(61), 2244(61), 2250(95), 2251(95), 2252(95), 2253(95), 2254(95), 2255(94,95), 2260(74,75,76), 2263(61), 2264(61), 2265(62), 2275(22).
2004 SERIES: 20(97), 23(62), 28(95), 37(22), 41(61), 45(63), 56(74), 60(94), 61(94), 65(63), 70(63), 73(61), 74(83), 75(62,63), 84(62), 86(95), 87(81), 95(71), 96(63), 102(63), 103(63), 104(63), 105(63), 113(62), 115(62), 116(74,75), 121(63), 123(95,96), 140(63), 153(63), 154(81), 155(94), 158(29), 163(97), 164(29), 166(71,72), 167(63), 168(63), 169(63), 176(81), 179(81), 180(61), 181(94,95), 182(95), 183(95), 184(71), 185(95), 186(95), 187(95), 188(GEN), 189(63).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL HYDROPAC 2181/03, 2191/03, 2195/03, 2200/03, 2203/03, 139/04, 165/04, 190/04.

(301220Z JAN 2004)

192/04. CANCELED.

193/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 03 AND 06 FEB IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 061630Z FEB.

(301430Z JAN 2004)

194/04 and 195/04. CANCELED.

196/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 04 AND 05 FEB WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 051700Z FEB.

(301615Z JAN 2004)

197/04 thru 199/04. CANCELED.

200/04(74). AUSTRALIA-EAST COAST.

F/V GULFSTREAM SANK VICINITY 27-10S 153-30E AT 291400Z JAN.
ONE PERSON MISSING. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO RCC AUSTRALIA, TELEX: 7162025,
PHONE: 612 6230 6811, FAX: 612 6230 6868.

(310120Z JAN 2004)

201/04 thru 204/04. CANCELED.

205/04(76). NEW ZEALAND. NORTH ISLAND-WEST COAST.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE
BY M/V MARKAB IN 38-53.2S 174-15.1E.
500 METER BERTH REQUESTED.

(311345Z JAN 2004)

206/04 thru 209/04. CANCELED.

210/04(74). AUSTRALIA-NORTHWEST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V GEKO EMERALD TOWING SIX THREE MILE LONG CABLES
IN AREA BETWEEN 21-23S 21-35S AND 113-53E 114-05E.
FOUR MILE BERTH REQUESTED.

(010543Z FEB 2004)

211/04(94,97). NORTH PACIFIC.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL 28 FEB BY CABLESHIP SEGERO IN AREA BOUND BY 22-27N 122-35E, 22-36N 122-43E, 22-43N 123-07E, 22-32N 123-08E, 22-29N 122-50E, 22-24N 122-44E.
2. CANCEL THIS MSG 29 FEB.

(021450Z FEB 2004)

SECTION III

NM 8/04

212/04(94.97). NORTH PACIFIC.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL 28 FEB BY CABLESHIP KDD OCEAN LINK IN AREA BOUND BY 23-09N 122-57E, 23-09N 123-07E, 22-51N 123-04E, 22-51N 122-53E.
2. CANCEL THIS MSG 29 FEB.

(021508Z FEB 2004)

213/04(94). EAST CHINA SEA.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL 28 FEB BY M/V KDD PACIFIC LINK ALONG TRACKLINE BETWEEN 25-28N 121-22E AND 25-50N 122-02E.
2. CANCEL THIS MSG 29 FEB.

(021524Z FEB 2004)

214/04(62). PERSIAN GULF.

1. SURVEY OPERATIONS 07 THRU 21 FEB BY M/V BEAUTEMPS BEAUPRE TOWING EQUIPMENT IN AREA BETWEEN 25-01N 25-24N AND 053-40E 054-10E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 22 FEB.

(021621Z FEB 2004)

215/04 and 216/04. CANCELED.

217/04(19.97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 35-38N 174-21E AT 030047Z FEB. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU, TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(030150Z FEB 2004)

218/04 and 219/04. CANCELED.

220/04(74). AUSTRALIA-NORTHWEST COAST.

1. YELLOW BUOY ADRIFT IN 22-11.46S 113-19.32E AT 040148Z FEB.
2. CANCEL THIS MSG 11 FEB.

(042354Z FEB 2004)

221/04(74). AUSTRALIA-NORTHWEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V VERITAS VIKING II TOWING 3.5 MILE LONG CABLES ALONG TRACKLINE BETWEEN 19-20S 19-50S AND 113-45E 114-30E. WIDE BERTH REQUESTED.
2. CANCEL HYDROFAC 209/04.

(050016Z FEB 2004)

222/04(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 23 FEB BY M/V TEKNIK KEMBARA TOWING 4000 METER LONG CABLE IN AREA BOUND BY 15-28N 081-06E, 15-30N 081-09E, 15-27N 081-11E, 15-25N 081-08E. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 24 FEB.

(051140Z FEB 2004)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 5 February 2004: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

SECTION III

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 5 February 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand Chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the Traditional NOAA/NOS paper Chart distributed by the Federal Aviation Administration and the National Geospatial - Intelligence Agency (NGA).

The Charts-on-Demand Chart is available the day after NOAA clears a New Edition for release. The Traditional Chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x 105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below.

11428	33 rd Ed. Jan 2004 NEW EDITION 11XHA11428	NAD 83	(NOS Silver Spring, MD)
	FL-ST LUCIE INLET TO FORT MYERS AND LAKE OKEECHOBEE		VARIOUS SCALES
(New edition due to numerous Notice to Mariner changes and various general changes.)			
12233	36 th Ed. Jan 2004 NEW EDITION 12AHA12233	NAD 83	(NOS Silver Spring, MD)
	MD-VA-POTOMAC RIVER-CHESAPEAKE BAY TO PINEY POINT		1 : 40,000
(New edition due to numerous Notice to Mariner changes.)			
12324	31 st Ed. Jan 2004 NEW EDITION 12XHA12324	NAD 83	(NOS Silver Spring, MD)
	NJ-IWW-SANDY HOOK TO LITTLE EGG HARBOR		1 : 40,000
(New edition due to numerous Notice to Mariner changes and various general changes.)			
13226	6 th Ed. Jan 2004 NEW EDITION 13BHA13226	NAD 83	(NOS Silver Spring, MD)
	RI-MA-MOUNT HOPE BAY		1: 20,000
(New edition due to numerous Notice to Mariner changes.)			
16591	9 th Ed. Jan 2004 NEW EDITION 16XHA16591	NAD 83	(NOS Silver Spring, MD)
	AK-SOUTH COAST-KODIAK ISLAND-PART OF		
	ALITAK BAY-CAPE ALITAK TO MOSER BAY		1: 20,000
(New edition due to format change.)			

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer _____ Ship/Organization _____

Address _____

Email address

Date of Observation _____ Time of Observation (Local)_____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

Product(s) Affected _____ Edition _____

Latest correction applied: N.M. _____

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

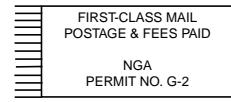
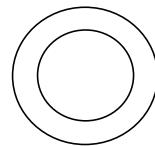
Details of Information Reported (continue on additional sheets as necessary) _____

www.nature.com/scientificreports/

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address_____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

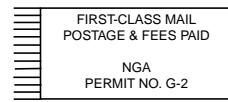
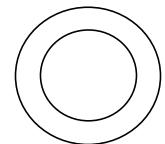
Digitized by srujanika@gmail.com

If observed, Date _____ Time (Local) _____

Verified by Navigator: Yes No

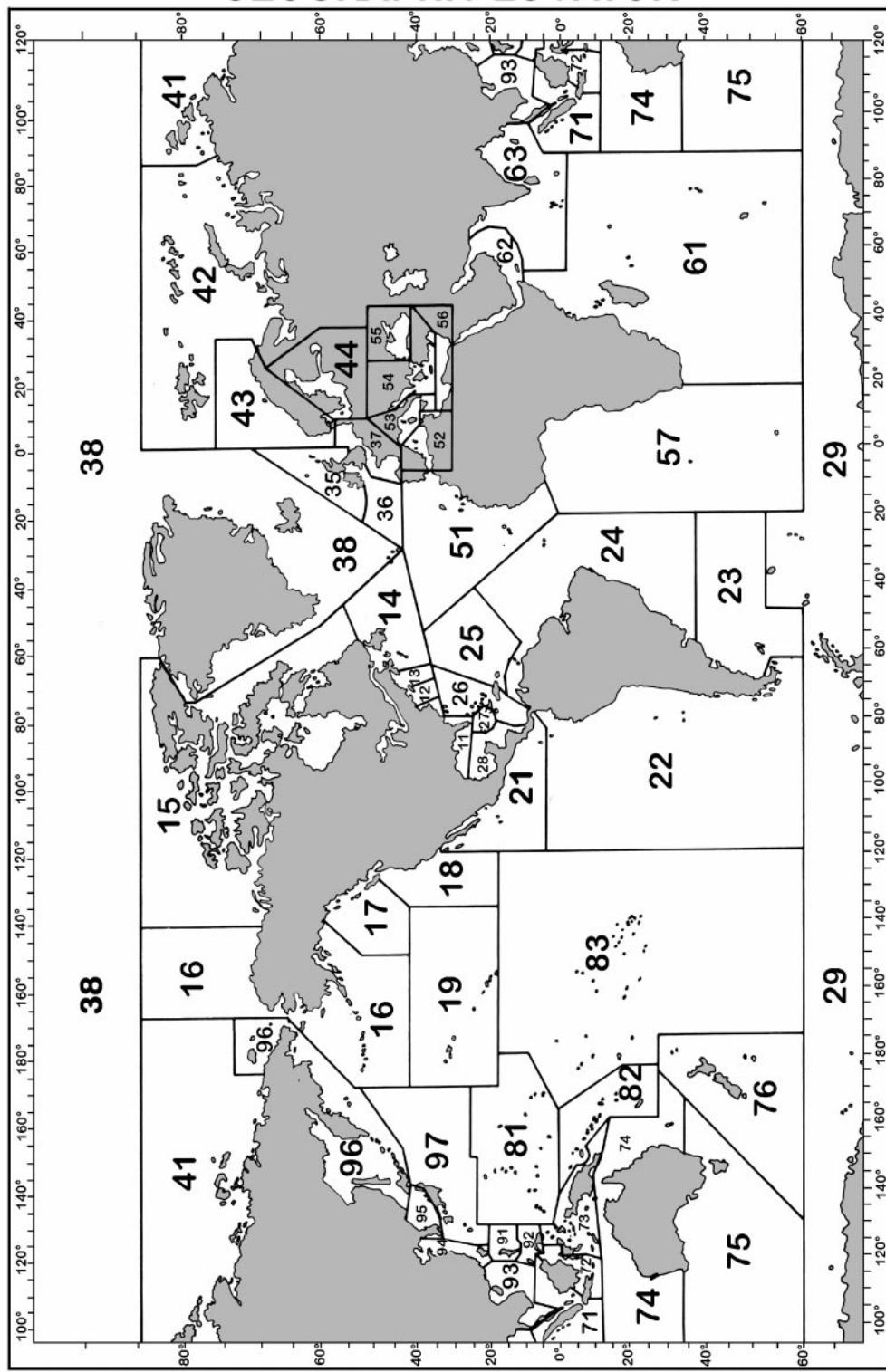
Bounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary). _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**

GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

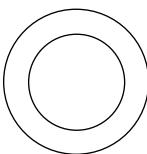
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

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**IMPORTANT
NAVIGATIONAL INFORMATION
TIME-DATED**



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY